

```

<400> 1676
ggcacgagct taatgagtgt ttcatttgcc agatttgtgc ttacgagttc acatatgata      60
gcacttattc ttcaagggct taaataaaca ttactgtccc gcactttaga aaacataaac      120
ataatTTTTT atgtttatga ctggctaatt tttctcttat gaaagcaaaa gatacaaaat      180
ccacgggtat gtaggttcgt cacaataatc acagtaggaa actttgctct atcccccgac      240
agggcctggc actcatcaat gggacgcaga tgatcacatc cctgggctgt gaagctgtag      300
agcgagccag tgctattgga gcggaggcta acgttgtggc aggcctgacc cg              352

```

```

<210> 1677
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (197)...(288)
<223> similar to gi3882171 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1677
ggcacgagat ttcaagataa attagaaacc aagtaaaatc agtgtatTTT tgctaggtac      60
ttaaaggact atTTTgtatc tTTTaaatta tctgttcacT tTTTaacttg ctcatattta      120
taacctTTTc atgatgaatg atattagaat acatgactaa ttatacagaa taatTTTctt      180
tTTaatttca tttataggag aacctTTTaca aatagatcac ttggTTTTTg tagtccatgg      240
gattggacca gcttgtgatc tccgctTTTcg aagcattgta cagtgtggta ggTTTgcaaa      300
gcatgtgaga gaatattaat cagtgtctct gtgagctgag ataaac                    346

```

```

<210> 1678
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(103)
<223> similar to gi2217933 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1678

```

```
ggcacgagcg gcacgagcct tctcctactg cattagcatt tggggaccac cctattgtac    60
aaccaaagca attatccttt aaaattattc aggtaaatga taattaaaat gtttttttct    120
atggcttcta agaaaccatt gactaactta ctaacaacta agatgtctgt ttgttttata    180
tgtagtcata aagcagaatt acacatcaag aaagataact tactaaacaa aaacaacaga    240
at ttgttagga aggagtgaga aactgaaaca cacaatttac tatcagcttt ttaaacaacc    300
gttaacatgt cagttctgtt tactgattct ttctgaactt aatttccag    349
```

```
<210> 1679
<211> 35
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(36)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (35)...(0)
<223> similar to gi407423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1679
tttttttttt ttncctttttt taaaacgggt cttgt    35
```

```
<210> 1680
<211> 324
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (5)...(197)
<223> similar to gi3510603 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1680
ggcacgagga ccttccttgc tttcagaatt tcaccaggg tctgacaggc ctcaagaaag    60
gagaactagt tatgaaccga ttcatccagg cccatcccca gtggatcatg attcactgga    120
atcgaagcga ccacgtctgg aacaggcttc tgattctcat tatcaggggc acatcactgg    180
cgaatcccta ccaggacgtg tacactagca gctcctcact gtggaatctg atgggcaatg    240
ccatggtgat taccactat atccgtctta ccccatatgt tcaaagtaaa ctcggttccc    300
```

tagggaacct gatgccatgt tacc

324

<210> 1681

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(179)

<223> similar to gi4929607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1681

ggcacgagtg	cggacaaagc	tgcaggctca	gcatgtgtcg	taccgggagc	tgggtgcctg	60
tgttcgaact	gcagtggctc	agggtggctg	gcgtcactg	tggctgagct	ggcgccccac	120
tgcccttcga	tatgcgccct	tctcattctt	gaacctgttc	tctactcagc	tcctgtcgct	180
ccccctcttc	gtccgcaccc	tttcgccttc	tctttttctc	gcctgccttg	cctaccttgc	240
tccttctccc	cgtctctctt	tcctccatct	taccatccgc	tctcctttct	ctccccctgc	300
agccctctga	ctctccccct	ttttccccct	ccttgctggc	ac		342

<210> 1682

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(214)

<223> similar to gi2224543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1682

ggcacgagcg	atgactcttc	tagtatggta	gacaatcata	ccaagcagct	tgcatttgaa	60
tctttggctg	tgattggaaa	tgctctaacc	ctcctggaag	tgggtcagat	tgagtggtgt	120
agttttggag	aatgtctgga	ggtgatatgg	ccaatgcgtg	cgactcgcac	gcatgagcac	180
ggttgatttc	gtttggaacg	ctggagacgc	cggttgagac	ggtgcgagcg	tgtgtccatg	240
gaataattcc	tccgcggggg	atcgcttggt	ggcagttgat	cgcgaggagt	aggtgttggc	300
tggtcagtcg	tctctccccg	gcggtcgggt	agaggacgag	ttaaag		345

<210> 1683  
 <211> 660  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (140)...(317)  
 <223> similar to gi3220232 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1683  
 ggcacgagat cctttgttag agcaagtgga attacctgct gtggcatcag tcagtgccttc 60  
 agtaattaaa tctccatcag atccctcaca tgtttctggt ccaccacctc cattgttact 120  
 tccagctgcc accacaagga gtaacagtac atctatgcac agtagcattc ccagtataga 180  
 gaacaaacct ccacaggcta ttgttaaacc acagatccta acccatgtta ttgaaggctt 240  
 tgtgattcag gagggtattg agccatttcc tgtgagtcgt tcctctttgc taatagaaca 300  
 gcctgtgaaa aaacggcctc ttttgataa tcagggtgata aattcagtggt gtgttcagcc 360  
 agagctataa aactgatttt aagatatatta caatatatgg gacgattttc gctgaattag 420  
 atagtgggtg tgatattata taaagaaaaa aatggctgag gacaaatgta gaaaagaatt 480  
 gatcagtgat cgtgcatttc actaaagcgt tctattgctt tagtgaagca tactcagtat 540  
 cttcagtatc agtagaaaag atactcagta tcttttcagt ttgggatatg atggtcactg 600  
 atggccatca gcattcattg cccagtgtgt gaggccacta tggatgaaag ttgactattg 660

<210> 1684  
 <211> 379  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (10)...(377)  
 <223> similar to gi2384732 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1684  
 ggcacgagcg acgagggcga cccctctgag aagctggagc tgggtgacagg caccaacgtg 60  
 tacatcacaa gggcgagct gatgaactgc cacgtcagcg caggcacgcg gcacaaggctc 120  
 ctactgcggc ggctcctggc ctccttcttt gaccggaaca cgctggccaa cagctgcggc 180  
 accggcatcc gctctttctac caacgatccc cgctcggaagc ccctggacag ccgcgtgctc 240  
 cacgctgtca agtactactg ccagaacttc gcccccaact tcaaggagag cgagatgaat 300  
 gccatcgagg ccgacatgtg caccaacgcc cgccgcgtcg tgcgcaagag ctggatgccc 360  
 aaggtcaagg tgctcaagg 379



<210> 1685  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (254)...(347)  
 <223> similar to gi5738610 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1685  
 ctttcatttc cctcttcttc acttcgtgtc ccctcagtc tttacgctca tgtttcgctt 60  
 ctcatccat tttcattctt cccatctctg ttttcgtgtc tctctctttt ctcatcctct 120  
 tatgctctta gctttctgtg ccctctctta ctatcagctt caactctcac tgttagacta 180  
 ggtaccaccc tgtaggtatt ctctgagcac ttgggctcca gctcagcctc tgcncggccc 240  
 ctaccctcc agggaacag aggagatcgc ccagggtccg agcaaggccc aggcggccgc 300  
 gttggccctc caggccagcc tgaggaagga gcagatgcgc atcctcgtgc c 351

<210> 1686  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (134)...(344)  
 <223> similar to gi4836401 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1686  
 ggcacgagtg acatttgatt aaatgtaaaa taagaaatcc cttgaaaatt ggtagaaca 60  
 gacaataaat atctcattac tgtaggtga ttactgtggg gggttttttg cttttgttct 120  
 tttttttaac agacctcaa ctggggcagc ttctatcctt cctcttcttg gacatggtgt 180  
 tccacgtttg ccccttgga gaaaacctcc tggccctccc cctggtccac ctctcctca 240  
 agtcgtgcct atgtatggcc gtaaagtggg ttttgcccta aaacttcccc ctccgaggct 300  
 atatgaagac atgttatata ggcctgaact tgctgagaag cgctgttct t 351

<210> 1687  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(648)  
 <223> similar to gi34812 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1687  
 ggcacgagcc gtgatcatct aaatgctttc ctggagtttt ctaaagaagg ggatgcccaa 60  
 tcttccctga aatcatctgt tctgagtact ggaaatcagc tccttcgact aaaaaagggtg 120  
 gacacagcca cgctgcgctc tgagctgtcg cgcattgata gccagtggac tgacctgcta 180  
 accaatatcc cagccgtcca ggagaagctc caccagctcc agatggataa actgccttcc 240  
 cgccatgccca tttctgaagt catgagttgg atttctctaa tggaaaatgt tattcagaag 300  
 gatgaagata atattaaaaa ttccataggt tacaaggcaa ttcatagaata ccttcagaaa 360  
 tataagggtt ttaagataga cattaactgt aaacagctga cagtggattt tgtgaaccag 420  
 tccgtgctac aaatcagcag tcaggatgtg gaaagtaagc gtagtgataa gactgatttt 480  
 gctgagcaac ttggagcaat gaataaaaagt tggcaaattc tgcaaggctc agtaactgag 540  
 aagatccagc tggttgaagg cttattggaa tcttggtcag aatatgaaaa taatgtacaa 600  
 tgtctgaaaa catggtttga aaccagga aagagactaa aacaacagca tcgaattgga 660  
 gatcaggctt ctgttcaaaa tgcactgaaa gactgtcagg atctggaaga tttgattaaa 720  
 gc 722

<210> 1688  
 <211> 692  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (33)...(620)  
 <223> similar to gi2988422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1688  
 ggcacgagca ggcatttcaa attactcttg aatttagggc ggaggcagag gatggcttac 60  
 tgctctactg tggggagAAC gaacacggga ggggggattt catgtccctg gctatcatcc 120  
 gacgtccct gcagttcagg tttaattgtg gaactggggt tgccatcatc gtaagtgaga 180  
 ccaaaatcaa actagggggg tggcacacgg ttatgtctca cagagatggg ctgaacgggc 240  
 tgctgcagct gaacaatggc accccagtg caggccagtc tcagggccaa tacagtaaaa 300  
 ttactttccg gacacctctc tatcttggtg gcgctcccag cgcttacttg ttggttagag 360  
 caacaggggac aaaccgaggc tttcaaggct gtgtgcagtc gctcgctgtg aatgggagga 420

```

gaattgacat gaggccctgg cccctgggaa aagcactcag tggggctgat gtgggggaat 480
gcagcagtgg aatctgtgat gaggcctcgt gcatccatgg tggcacctgc acagcaatca 540
aagccgactc ctacatttgc ctctgtcccc ttgggtttta aggtcgacac tgtgaagatg 600
gtgagaaaga agcaagttga aggcgggtttc tatctgcatg ttaatttgtg taaatgtact 660
ttatcatcaa tatagtttct ttgttaaaaa aa 692

```

<210> 1689

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(134)

<223> similar to gi306746 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1689

```

ggcacgagcg gggcaggaaa cggagaagca caaacgaaac tgatgcctcc aatatcgagg 60
atcagtctga gacagaagcc tatgtgagtc ttgcaagttg ggatgctgac tatacaacca 120
tctttccttt tttaagttgg agcctcactc cggggcttgc accctcaaga tgccttctaa 180
acgtacagct ctgtatgata atctcctgcc tctgttagac ggcttttagtt gatataattac 240
atatatttga ctctgtgtcg acttggtctg agcctgataa tgatactcgc gtctctcgag 300
gttgttactc tagtttgogt ttgtcttctt ccatgtccat tctataatat caggcgctcg 360
accg 365

```

<210> 1690

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(314)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (114)...(313)

<223> similar to gi927407 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1690

```

ggcacgagcg gcacgaggaa atatgtcaac atactacagt tagtgtacag aatcagcatt    60
tcattgttag gacattttcc tcaactttct aaagccagca tttcaactga cttttccaga    120
ccatatttga agatgttagt gggtttgggtg cctggcatcg aagatgggtg ggtctttctg    180
gaatctgcnt atcttattgt acttatccag atgctgatac tcgtgcggta gtcattctaa    240
cctcggaaca ccggccaacg aaactattga agcctgacgg ctgcaacgta atctactgcc    300
tatcccagcg ccg                                                    313

```

```

<210> 1691
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(228)
<223> similar to gill172105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1691
ggcacgagca tggccccagg gcgggtgggc caggctcatg gtctctctcc aggccagcag    60
tggcaccaca agggagatca cactgagatg cctgttaatt ctccccaccc cagatttgct    120
tccagctcct gacgctgtgt ctgcgggagc tgtttgagtt ccgattcatg cagactgacc    180
ccaactgggc caacttcctg tatgatgcct ccagccacca ggttggttcc tagtgatgtg    240
tgtctgggta catttgctgt tgtaacaaat attccttgat atttcggtag ctcaacaaaa    300
tagcagttga ttacccccac aataggcagg ggtggccct                               339

```

```

<210> 1692
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(111)
<223> similar to gil546084 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1692
ggcacgagaa aagaagaatt cagtgcagaa gaaaattttc tcattttgac ggaaatggca    60
accaatcatg tacaggttct tgtagaattc aaaaaaaagc taccaggtat tttttaaata    120
atcacagtta atattttattg agagttttaa tatgtgccca cagattagat tacctatttt    180
acatacggtg ttttaatttt caaacatttc ctgtgagatc agctctattt tcactattac    240
tttgccaagt attttcacat gtacttattt cactgctatt ctctacaata gtcttgtgac    300

```

```
attgagaaag gcaggctctgt tctttgtaaa atgaaaatca tttaatatct gatttaaagt 360
aactgtcgaa ctactat 377
```

```
<210> 1693
<211> 326
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(70)
<223> similar to gi2914017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1693
cgctctttgg gggctggaag agacagtaca gtgtcttctg gagtttggtg ccaacgtgaa 60
cgcacagggtg tgtcgtttct cttttccggg gagagagggtg tagccccagc atgagggaag 120
cctcctccta tggcagagga ctttgcacag tccccagttc caggcgctgc tgcttcatga 180
acacacgacc tccctagcag cgttcatgat ttcaggctga ctgtgcttct ctgtgccttt 240
gtccttacta caacaggagg aagatttggt tcagctcttt ctctttgctt cctattcccc 300
cttagttaca gatttcctct cgtgcc 326
```

```
<210> 1694
<211> 477
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (60)...(480)
<223> similar to gi212752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1694
ggcacgagcc cacattccaa ggctacagac aggaggaggg aaccagcata ggaactggca 60
tggagcagct tgtgaaggag aggaaagggg tacaggctcg ggagaagcag cctgcagagc 120
ccccagcccc tctgcggagg cgggcggcca gtgatggaca gtatgagaac cagtctccag 180
aagccacatc cctcgtagc cctgggggttc gctccccctgt ccagtgtgtc tccccggagc 240
tggctcttac catcgctctc aatcctggag ggcggcccaa agagcccatc ttgcacagct 300
acaaggaggc cttcgaggag atggagggaa cctccccgag cagcccacca cccagtgggg 360
tgcgagcccc cccgatatg accatgactc ccctagatgc tctgggcctg aaacctcaca 420
atccagcgga catcctgttg caccacacag gagagccccg cagctatttg gagaccg 477
```

<210> 1695  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (211)...(389)  
 <223> similar to gi4240199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1695  
 ggcacgaggt tagccagcta taaactcagt ctcatccct gtccgttcca actttactgg 60  
 gttcttttaa aaaccagacc acgggctggg aaatgccttg atctttactg accgagttgt 120  
 atattgggcc tagccctagc cctgttaagg ggcactgtgt ggaaatgccc aggctctcca 180  
 gattgaaact tctcactctt caccatccag ttgtccagct gcagcaaagc acatacagag 240  
 tgggagttag agcagtcctt acaggaccag gcactgctga aagcgagct gacacagttg 300  
 aaggagtcatt tcaacaact ccaattagaa agagatgagt gtgctgaaca tatagaagga 360  
 gagaggggccc ggtggcatca gaggatga 388

<210> 1696  
 <211> 892  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (598)...(893)  
 <223> similar to gi5834564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1696  
 ggcacgaggt cattgccaca ggcaggacct atgggcgcat ataggttgta atgaaactgt 60  
 agtctcagtt ggaagcctaa acatgaaatg ggtcagtgag caaggctcta ttcctagttc 120  
 ccagccatgc ctgtggcaac ctgagcccg ctcagcaca ttggaccag gcagatgtaa 180  
 aaaattcaca gaactatgat ttggactgaa ggggttgtag atttcctcct tcattctaatt 240  
 ttcagtgtct aaaattcttg catccatgaa cgagctgggc atttgatgag acagggctga 300  
 atactttagt tttcctcctg gaaatcatct ggggcatttt ctttgaactg atgggaacaa 360  
 taaagcataa ctgtttgcac aaacttggga taaatgattt tgggataacg atctaccaga 420  
 atggggatat ttcacccttg gttctgagat gtaaaccaaa gaatatcatg accagctttc 480  
 aggcctcctg aagtatatct ctcaaattgt cctgttctca tgctgaggag cctgagatcc 540  
 ctgtgtgggg attagacagt ggactgttat ggggtgtagt gaattggctt attttgtctg 600  
 tccctgcctg aatgtattgc aggaattaaa aaggaccaag aagaggaaga agaccaaggc 660

```
ccaccatgcc ccaggctcag cagggagctg ctggaggtag tagagcctga agtcttgag 720
gactcactgg atagatgtta ttcaactcct tccagttgtc ttgaacagcc tgactcctgc 780
cagccctaca gaagttcctt ttatgcattg ggggaaaaac atgttggctt ttctcttgac 840
gtgggagaaaa ttgaaaagaa ggggaagggg aagaaaagaa ggggaagaag at 892
```

```
<210> 1697
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(401)
<223> similar to gi3201662 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1697
ggcacgaggt taatgacaat aaacctgaaa ttaacatcaa cctcatgtcc cctggaaaag 60
aagaaatata ttatatTTTT gaaggggatc ctattgatac atttggtgct ttggtcagag 120
ttcaggacaa ggattctggg ctgaatggag aaatagtttg taagcttcat ggacatgggc 180
actttaaact tcagaagaca tatgaaaaca attattttaa cttaactaat gccacactgg 240
atagagaaaa gagatctgag tatagtttga ctgtaatcgc tgaggacagg gggacaccca 300
gtctctctac agtgaaacat ttacagttc aaatcaatga tatcaatgac aatccacccc 360
acttccagag aagccgatat gaatttgtaa tttcagaaaa g 401
```

```
<210> 1698
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (287)...(398)
<223> similar to gi520469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1698
ggTTTTTTTT ttttttcttt tgggaaaggc attggccact ttggacttta ttagcaacag 60
taatgtcccc tgacatacgc acaagcttgt agctccacgg ccagggtcttc ccccaacctc 120
acaatggccc cgtgatgcag gcaggcaggc gagtgggggt ctccctcct tatccacagg 180
gccaccgaaa ggccacagag acggccttgc ccgaggtcac ccagcggagt ggcttgctgg 240
gagccctggg aataacagtc ccacacaagg ctctctccct ccgagctgg acctgtacgc 300
gggggctctg tttgtgcaca tctgcctggg ctggaacttc tacctctcca ccacctcac 360
```

gctcggcatc	acagccctgt	acaccatcgc	aggtatggtg	cctgcagcag	ggaggtccac	420
ccaggggacg	tgtaaagggg	tcagaaggcc	acctccccct	acaggcccga	gggagcagcc	480
caggaagtgg	ccccagcagg	agccccagaa	gttcctcccc	gtgtccctcc	tccttggggc	540
cagggccccc	tccagcaacc	ttgcttccac	tggcaggggg	cctggctgct	gtaatctaca	600
cggacgccct	gcagacgctc	atcatggtgg	tgggggctgt	catcctgaca	atcaaagggtg	660
aggacagagt	ctgtggccat	ggcggggctg	tccccacagc	gagccctttg	gagtctggca	720
ctgcccggca	ctgtgcagga	ttcatgccgt	tggggttctg	ggtagcatcg	ctgggagtgg	780
gtgggttcag	gaggttgagc	cactaggcag	tcagccccc	tgettgcccc	tcagggactg	840
ccctggctgg	tagaggctac	ccaccctgct	gccccgctgt	taccagctct	ggccctggca	900
aggagctgac	tcaggaactc	agggccagcc	acaccgcgat	tggtcagcgc	cttgatggtg	960
aggtggggct	gtaggcgggt	gtgaaggcac	acaaccagga	ggccataaaa	ctgcctgggc	1020
agctcctcca	attgtttaaa	agcatgtaca	aatgccaag	aggtgatgct	acctcctgca	1080
ggacaaaggc	cagggaggaa	agaagagagc	tgggagagat	tggcgatact	agtctggaac	1140
agataggaaa	ctcacagggc	tgcccggaga	gagcgtgagc	tcaccgtccc	tggaagtatg	1200
taagcagagc	caggagctcg	tgcc				1224

```

<210> 1699
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (9)...(360)
<223> similar to gill113865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1699	
ggcacgagga	aattgctgaa cttcaggggc aagcagcagt gctcaaggag gcacatcatg 60
aggccacttg	caggcatgag gaggagaaaa aacaactgca agtgaagctt gaggaggaaa 120
agactcacct	gcaggagaag ctgaggctgc aacatgagat ggagctcaag gctagactga 180
cacaggctca	agcaagcttt gagcgggaga ggggaaggcct tcagagtagc gcctggacag 240
aagagaaggt	gagaggcttg actcaggaac tagagcagtt tcaccaggag cagctgacaa 300
gcctggtgga	gaaacacact cttgagaaag aggagttaag aaaagagctc ttggaan 357

```

<210> 1700
<211> 1079
<212> DNA
<213> Homo sapiens

```

```
<220>
```



<221> misc\_feature  
 <222> (2)...(1075)  
 <223> similar to gi3170196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1700

```

agcctctaca actgagttaa agaaagagag taaaaaagaa aggccagagg aaaccagcaa      60
ggatgagaaa gtcgtgaaaa gcgaggacta tgaagatcct ctacaaaaaac ctttagaccc     120
tacaatcaaa tatcaatacc taaggaggga agacttggaa gatgggtcaa aggggtggagg     180
ggacatttttg aaatcttttg aaaatactgt caccacagcc atcaacaaaag cccaaaacgg     240
ggccccccagc tggagtgcct accccagcat ccacgcagcc taccagctgt ctgagggcac     300
caagccgcct ttgcctatgg gatcccaggt actgcagatc cggcctaatac tcaccaacaa     360
gctgaggccc attgcaccaa agtggaaaagt gatgccactg gtttctatgc ccacacacct     420
ggcccccttac actcaagtca agaaagagtc agaagacaaa gatgaagcgg tgaaggagtg     480
tgggaaaagaa agtccccacg aagaggcctc atcttttcagc cacagtgagg gcgattcttt     540
ccgcaaaagt gaaacacctc cagaagccaa aaagaccgag ctgggtcccc tgaaggagga     600
ggagaagctg atgaaagagg gcagcgagaa ggagaaaccc cagcccctgg agcccacatc     660
tgctctgagc aatgggtgcg cctcgcgcaa ccacgccccg gccctgccat gcatcaaccc     720
actcagcgcc ctgcagtcg tcttgaacaa tcacttgggc aaagccacgg agcccttgcg     780
ctcaccttcc tgctccagcc caagttcaag cacaatttcc atgttccaca agtcgaatct     840
caatgtcatg gacaagccgg tcttgagtcc tgctccaca aggtcagcca gcgtgtccag     900
gcgctacctg tttgagaaca gcgatcagcc cattgacctg accaagtcca aaagcaagaa     960
agccgagtc tgcgaagcac aatcttgtat gtccccacct cagaaggcac ggtcttgtct    1020
tgacattcgc cgacatgggt caaaagttcc ttccccaaag gccaccaccc caaaggcca    1079

```

<210> 1701  
 <211> 433  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (191)...(300)  
 <223> similar to gil83039 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1701

```

caagtccagt cccaagttaa aggaaggttg aatttcctga aaaatnaaat gtgggcaaaa      60
gggcttccca aaccagatg gggaattagg agatggcttg ggaatgacat gatctgagga     120
agggcctggg tcagggaaga gcatgtttgt gtagttgggt cataacttct ctgggcttct     180
gcttgtctag gtgcaattaa cagactttga gaactctgcc tatgtggtgt ttgtggtact     240
gctcaccaga gtgatccttt cctacaaatt ggattttctc attccactgt caaaggtaag     300

```

gatatgtttc	tttatggtga	tgggtataga	tctatctgta	gatatatatta	tttatatatg	360
ctattttattt	cccaccta	attcatttgaa	attgtttacc	ctttgcaata	aaatgtttct	420
ccatcctcgt	gcc					433

<210> 1702  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (13)...(345)  
 <223> similar to gi5690435 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1702						
ggcacgagcg	gcacgagatc	tgaagaggtg	tattgcttac	agaaagagcg	ggagatggta	60
aatcacagtc	ttcaagagac	ttctgagcaa	aacgttattc	tacagcatat	tcttcagcaa	120
cagcagcaaa	tggtacaaca	agagacaatt	agaaatggag	agctagaaga	tactcaaact	180
aaacttgaaa	aacaggtgtc	aaaactggaa	caagaacttc	aaaaacaaag	ggaaagttca	240
gctgaaaagt	tgagaaaaat	ggaggagaaa	tgtgaatcag	ctgcacatga	agcagatttg	300
aaaaggcaaa	aagtgattga	gcttactggc	actgccaggc	aagtn		345

<210> 1703  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(328)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1703						
acatcaatgc	tccagctttg	attcaaagag	atcttgatca	ctttttgctt	ttgcaaaata	60
tcaccctagt	ccattacatt	gatgacagta	tgctgattgg	atccagttag	caagaagtag	120
caaacacact	ggacttatta	gtgagacatt	tgcataccag	aggatgggaa	ataaatccaa	180

```

gtaaaaattca gggaacttct acctcagtaa aattttctagg ggtacagtgg tgtgggggcct 240
gtcaagatat tccttctaag gtgacggaca agttgctgca tttggcccgt cctacaacca 300
agaaagaggc acaacggcta gtgctcgtgc c 331

```

```

<210> 1704
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(179)
<223> similar to gi4337103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1704
ggcacgagct tctacttgta caggaaaggt tacttgagtt tgtccaaagt ggtgccgttt 60
tctcactatg ctgggacatt gctgctactt ctggcacgtg tggcctgcct cctaggcatt 120
gtccgctggg cctacccccca cttcccgcag tttctcgcca tctcctctcc gatccatctc 180
tacctgacgt cataactcta tatgcatggt atgcggtcca tcttagtctt ctaaaaaggc 240
catttttagct tacctgccat caagctatac atgtggaaat atacactgta ttattttccc 300
tttccagggtg attacttacc tcatctgttc ttatatctgc 340

```

```

<210> 1705
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(218)
<223> similar to gi927649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1705
ggcacgaggg cgcaccagtg ctatgaagat gtgcgcgtct cacagaccac ctgggacagt 60
ggcttctgtg ctgtcaaccc taagtttgtg gccctgatct gtgaggccag cgggggaggg 120
gcctttcttg agctgccctt gggcaagact cgacgtgtag ataaaattgc gttgacggac 180
gttggcctct atggtcgtgt gttatgcgtt gtgtggtacg ttatcttcgg attttgttct 240
tatagcgctt gacgcgatgg tgacttctga tttggtttga ctttggcgta ccgatttgtg 300
tgtgtggtca gtagtgcaag ctgtggtgcg g 331

```

<210> 1706  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(200)  
 <223> similar to gi1938569 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1706  
 agtgaacttt attacagtaa aattggccct gctttgaaaa cagttgggct tagcctggat 60  
 gtgtcccgtc gggattggcc tcttcatgta atgaaggcag tattggaaga gttaatggag 120  
 gccacacccc cgaatctcct tgccaaagag ctctgggtcat cttgcacaac acctgatgaa 180  
 tgggtggagag ttacgcaggt atgtgctttg ttttagacta tactcagtag tagtatttct 240  
 tttgcctgct accttcttgc ctatcttggt tgtcctcctt cccttccttc ctctgtccct 300  
 ccagacttgg tagtttgaga cgtatatattg agtttaatat tacagttata aaggcatgaa 360  
 catgactgtg tccgagggga ggatggggga agaagtatgg aggaaatgaa aaggagat 418

<210> 1707  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (79)...(294)  
 <223> similar to gi5832792 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1707  
 ggcacgaggg cagatttgca tctttacaac cagaagctca gggagaagtt gaaggaggag 60  
 gagaacacag tgggccgaag aggtgagggg gctgagcctc agtatgtgga caagtccggc 120  
 ttccacacgg tgacgtgctg cggcttcac cgcaggtga atgagtggca ggatgactgg 180  
 ccgacctttt tcgcccggca ccggctccag gcgcatctgg acctcattga gaaggactat 240  
 gctgaccgag aggcacgaga actctggtcc cggctacagg tgggcacggc agtgacttct 300  
 ctgggaaaga gctggtcctc tcatgatccc gccgcatttg tgcgggttca tctataaaac 360  
 ggagctggag cagggaaacac tgagtcctgg agcacacatc agggaggaag gggggcaggg 420  
 gcgggggttc ccccaaaagg gagtccgaaa ggagtgagga gtgaagacac acttggtctc 480  
 tcgtgcccct ctccactgct aggtcaccag gtatttagcc tcagactttc ctcatgtgaa 540  
 acacaggtgc ttgtaaatgg tgggtgtttac catgattact gttcttacta tcagtaaacac 600  
 ttgtccactc catcgtgttc ctctcccatg ggaagatgtg ggtaccagat gatccagaat 660  
 gactgatttc aaacataac tct 683

<210> 1708  
 <211> 478  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(479)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (148)...(478)  
 <223> similar to gi3080757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1708  
 gagactccaa gccccagttt cacctcagag gcagagatga ggggtccccc ggtcctgctc 60  
 ctccaggccg ccccaatgga gtgtcctgtt ccgcagggga tcccggccgg gtccagtcct 120  
 gagcctgcac ctgacccccc ggggcctcat ttctccggc aggagcgcag cticgagtgc 180  
 cgcattgtgc gcaaggcctt caagcgctcg tccacgtgtt ccacccacct gctcatccac 240  
 tcagacacgc ggccttacct ctgccagttc tgcggcaagc gtttccacca gaagtccgac 300  
 atgaagaagc acacctacat ccacacaggt gagaagccgc acaagtgccg ggtgtgcgga 360  
 aaggccttca gccagagctc caacctcatc acccacagac tcagagagaa cccaccatgg 420  
 tgctgtctcc tgccgacaag accaacgtca aggcgcgctg gngtaagggt cgcgcgca 478

<210> 1709  
 <211> 1819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (32)...(678)  
 <223> similar to gi436228 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1709  
 cccacgcgtc cgaacagaag atgtgtacac atccagaaag aaacaacacc agaccatgat 60  
 gcattatatt tgtgcattaa atactcttca gtacaagaag aaaatagcat tgtagaacc 120  
 tctacttggg tacatgcaag ctgagataag tttctttaag atgggttctg aaaatcttaa 180  
 tgaacaactg gaagaatttt tagctaatat tggaacaagc gttcagaatg ttcgcaggga 240

aatggacagt	gatatagaga	ccatgcaaca	gacaatagag	gatttggaag	tagccagtga	300
tcccttatat	gtgcctgacc	cagaccccac	caaatttcct	gttaatcgaa	atttaacccg	360
aaaggctgga	taccttaatg	ctaggaataa	aacaggcttg	gtgtcatcta	cctgggacag	420
acagttttac	ttcacgcagg	gtggaaattt	aatgagtcag	gcccgtaggg	atgtagcagg	480
aggcctggcc	atggacatag	acaactgttc	agtgatggct	gtggactgtg	aagacagacg	540
atattgtttt	cagatcacct	ctttcgatgg	aaaaaaatct	tcaattttgc	aagcagagag	600
taaaaaagat	catgaagagt	ggatctgtac	aataaacaac	atatctaaac	aaatatactt	660
aagtgaaaat	ccagaggaaa	ctgctgcacg	agtaaataca	tcagctctgg	aagctgtcac	720
tccttcccca	tctttccagc	agaggcacga	gagcctgcgg	ccagcagcag	gacaatctcg	780
gccaccgaca	gctcgaacca	gcagttcagg	atccttagga	tctgagtcta	caaattttggc	840
tgccctctct	ctagattctc	ttgttgcccc	agacacccca	atacagtttg	acataatttc	900
tcctgtgtgt	gaagatcagc	ctggccaggc	aaaagccttt	ggccagggag	gcaggcgtac	960
aaatccattt	ggagaatctg	gaggaagtac	aaaatctgaa	actgaagatt	ctattcttca	1020
tcagttattt	attgtccgat	tccttggttc	aatggaggtg	aaatcagatg	acatccaga	1080
tggtgtttat	gaaactatgc	gccaaatctt	agctgcccgg	gccatccata	acatctttcg	1140
tatgacagaa	tcgcatttat	tagtcacttg	tgactgttta	aagttaattg	atccacagac	1200
acaagttaca	aggctcacgt	ttccattacc	ttgtgtagtt	ttgtatgcta	cacaccagga	1260
aaataagcgc	ctttttggat	ttgttcttcg	gacatcaagc	gggagaagtg	aaagtaatct	1320
gtcatcagtc	tgctatatat	ttgagtcaaa	caatgagggg	gaaaagatat	gtgattctgt	1380
tggtactggc	aaacagatag	ctttgcatgc	tgaactggat	cgtagggcat	cagaaaaaca	1440
aaaagaaata	gagagagtaa	aagagaagca	acagaaagaa	ctcaataaac	aaaaacagat	1500
tgaaaaggac	ttggaagaac	aaagtcgggt	gatagctgct	tccagtagac	caaaccaagc	1560
cagtagtgag	gggcagtttg	ttgtccttag	cagtagccag	tcagaagaga	gtgatttggg	1620
aggaggagga	aagaagagag	aatcagaagc	ataagcttat	acttttggtg	gatattcccc	1680
cttggaattt	gacagtttct	atggtgaaat	ggcagaaggt	aacaactatg	ttgaaatatc	1740
aaggaggaga	ttaagcttta	tatttgctta	tttgttgtag	ctacatttta	aaaaaaagat	1800
tgaacttgat	gaaaaaaaa					1819

<210> 1710

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(371)

<223> similar to gi3876638 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1710

aactacccat	tttctggatt	ttcccctatt	tttttgaatc	ccgaatttgt	cagttttttc	60
caagcttcca	gatgctggat	taccaggtag	attatgataa	tcatgcactt	tataaacacg	120
gaaagacagg	tcgaaaacag	tctcccgtgc	gtattttcac	caacattccg	cccaacaaaa	180
taatccttcc	tactgaagaa	gggtacagat	tttgctctcc	gtgtcaacgg	tatgtttctc	240
tagagaatca	acactgtgag	caactgtaatt	cttgacatc	caaggatggc	aggaaatgga	300
accattgctt	tctctgtaaa	aagtgtgtaa	agccttcctg	gatccactgt	agcatctgca	360
atcactgtgc	tgttcca					377

<210> 1711  
 <211> 648  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (122)...(533)  
 <223> similar to gi220637 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1711  
 cggacgcgtg ggtgtgggca acagagaatc cccgggacaa gctgggatga attcaattca 60  
 ttccccaggc cctgcgagcc cagtcagtca cccggatggc caagaagcca aggcactgcc 120  
 gccctttgca tgtgacgtgt gcgagaagag gtttacgtgt aattccaagc tagtcatcca 180  
 caagagatca cacacaggcg agagactcct tcaatgtaat ctctgtggga agcgcttcat 240  
 gcagcttatt agcctccaat ttcaccagcg aaccacact ggcgagaggc cctacacgtg 300  
 tgacgtctgc cagaagcagt tccccagaa gtccactctg aagtgtcaca agagaagcca 360  
 cacaggggag aagcccttcg aatgtaaaga ctgcaagaaa gttttcacct acagggggag 420  
 cctgaaggag caccagcgca tccactccgg agagaaaacc taaaaatgtt ccaagtgtcc 480  
 aagagccttc agtcggctga aattgttaag acgccaccag aaaacacatc cagaagctac 540  
 ttcttagtga ttgcataatc cggctctatgc cttctgcacc aagaagaaga gaatgatatt 600  
 tttcatcaat gttatcagat gacatttgac acatgcaagg gcgtctga 648

<210> 1712  
 <211> 600  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(590)  
 <223> similar to gi50866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1712  
 ggtcacagaa aaaaacacag aaatgtgcaa tgtcatgatg cagttgagga aaatggccaa 60  
 tcatccttta ttacatcgcc aatattacac agctgaaaaa ctcaaggaaa tgtctcagct 120  
 tatgctaaag gaacctacac attgtgaggg taaccctgac ctgatctttg aagatatgga 180  
 agttatgaca gacttcgaac tacatgtact ttgtaaacag taccgacaca ttaataactt 240  
 tcagttagac atggacttga ttttagattc tggaaaattt cgagtttttag gatgcatctt 300  
 gtctgaattg aaacagaagg gtgatagagt tgtgttattt agccaattta ccatgatgct 360  
 ggatatctta gaggttctat taaaacatca tcagcatagg tacctcagat tagatggaaa 420  
 gactcagatt tctgaaagga ttcattctaat tgatgagttt aataccgata tggatatctt 480  
 tgtgtttctg ctatcaacaa aagctggtgg attaggaata aatctgactt cagcaaatgt 540

tgttatactt cacgatattg actgtaatcc ttataatgac aaacgcggcg gtggggggct 600

<210> 1713  
<211> 518  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (66)...(521)  
<223> similar to gi4559318 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1713  
agacggttgc agttgcttcc aaacctttag tccgcctcgg attcccgttc gaccacgcg 60  
ttcgatgtga caaagctttt aatcagcaat caaaccttgc acgtcatcgt agaattcata 120  
ctggagagaa accttacaaa tgtgaagaat gtgacaaagt tttcagtcgg aaatcaaccc 180  
ttgagtcaca taagagaatt catactggag agaaaccata caaatgtaag gtttgtgaca 240  
cagctttcac atggaattct cagctggcaa gacataaaaag aattcacact ggagagaaaa 300  
cttacaagtg taatgagtgt ggcaagacct tcagtcacaa gtcatccctt gtatgccatc 360  
atagacttca tgggtggagag aaatcttaca aatgtaaggt ctgtgacaag gctttttgcgt 420  
ggaattcaca cctggtaaga catactagaa ttcatagtgg aggaaaacct tacaagtgtg 480  
atgaatgtgg gaagaccttt ggtcaaaatt cagatctt 518

<210> 1714  
<211> 704  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (57)...(656)  
<223> similar to gi2315451 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1714  
tattctttat ttagatatat tcaatattta ttttcatgag attactttct tttgtagata 60  
attatcaaac agcacagcta cttgccttaa ttttagagtt actcacattt tgtgtggaac 120  
atcacacata tcacataaaa aactatatta tgaacaagga cttgctaaga agagtcttgg 180  
tcttgatgaa ttcaaagcac acttttcttg ccttgtgtgc ccttcgcttt atgagggcga 240  
taattggact taaagatgaa ttttataatc gttacatcac caagggaaat ctttttgagc 300  
cagttataaa tgcacttctg gataatggaa ctcggtataa tctgttgaat tcagctgtta 360  
ttgagttggt tgaatttata agagtggaag atatcaagtc tcttactgcc catatagttg 420



```

aaaactttta taaagcactt gaatcgattg aatatgttca gacattcaaa ggattgaaga 480
ctaaatatga gcaagaaaaa gacagacaaa atcagaaact gaacagtgtg ccatctatat 540
tgcgtagtaa cagatttcgc agagatgcaa aagccttgga agaggatgaa gaaatgtggt 600
ttaatgaaga tgaagaagag gaaggaaaag cagttgtggc accagtggaa aaacctaagc 660
cagaagatga ttttccagat aattatgaaa agtttataaa gact 704

```

```

<210> 1715
<211> 583
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(311)
<223> similar to gil389741 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1715
ctcgcgcgcc tgcaggtcga cactagtggg tccaaagaat tcggcacgag ggcctttaga 60
atgaagtcac acctcattga tcatcacoga actcacacag gagagaaacc atatgaatgt 120
aatgaatgtg gtaaattcatt cagtcaaaaag acaaattctca atctacatca gagaattcat 180
acaggggaga aaccctatgt ttgtaatgaa tgtgggaagt cctttcgcca gaaagcaacc 240
ctcactgtac atcagaaaaat acataccggc cagaaatcct atgaatgtcc tcagtgtggg 300
aaagccttta gcaggaagtc atatctcatt catcatcaaa gaactcatalc gggagagaaa 360
ccatataaat gtagtgaatg tggaaagtgc ttccgccaga agacaaatct caatctacat 420
cagagaattc atacagggga gaaaccctat gtttgtaatg aatgtgggaa gtcctttcgc 480
cagaaagcaa ccctcactgt acatcagaaa atacataccg gccagaaatc ctatgaatgt 540
cctcagtgtg ggaaagcctt tagcaggagt cgacgcggcc gcg 583

```

```

<210> 1716
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(161)
<223> similar to gi29653 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1716
ggcacgagca gctcaccaac aacacagcca ctgccccctc tgccacgccc gtgtttgggc 60
aagtggcagc cagcaccgca ccaagtctgt ttgggcagca gactggtatc acagccagca 120

```

cagcagttgc	cactccacag	gtaatcagct	caaggttcat	taatctagat	ttttagtata	180
tagtattatt	gaatatatat	aatgttttat	atattagact	ttatacttga	gacataggaa	240
ataatttatg	tataactggt	aattaaattt	tatatttgct	agattagaaa	attctattaa	300
tttattaatg	aattatatct	aattatgtga	ca			332

<210> 1717  
 <211> 1087  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1088)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (39)...(1084)  
 <223> similar to gi3329465 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1717						
tttntcccn	nnnncccggt	cgacccacgc	gtccgaatag	tcctgtagga	gtctctaagg	60
ttttggtttc	aggaggctcc	acacacaatt	cagagaaaaa	gggagatggc	actcagaact	120
ccgccaatcc	tagccctagt	gggggtgact	ctgcattatc	tggcgagtgt	tctgcttccc	180
tacctggctt	actgtccgac	aagagagacc	tccctgcttc	tggtaaaagt	cgttcagact	240
gtgttactag	gcgcaactgt	ggacgatcaa	agccttcac	caaattgcga	gatgcttttt	300
cagcccaaat	ggtaaagaac	acagtgaacc	gtaaagcctt	aaagaccgag	cgcaaaagaa	360
aactgaatca	gcttccaagt	gtgactcttg	atgctgtact	gcagggagac	cgagaacgtg	420
gaggttcatt	gagaggtggg	gcagaagatc	ctagtaaaga	ggatcccctt	cagataatgg	480
gccacttaac	aagtgaagat	ggtgaccatt	tttctgatgt	gcatttcgat	agcaagggtta	540
agcaatctga	tcctggtaaa	atttctgaaa	aaggactctc	ttttgaaaac	ggaaaaggcc	600
cagagctgga	ctctgtaatg	aacagtgaga	atgatgaact	caatggtgta	aatcaagtgg	660
tgccataaaa	gcggtggcag	cgtttaaaacc	aaaggcgcac	taaacctcgt	aagcgcatga	720
acagatttaa	agagaaaagaa	aactctgagt	gtgccttttag	ggtcttactt	cctagtgacc	780
ctgtgcagga	ggggcgggat	gagtttccag	agcatagaac	tccttcagca	agcatacttg	840
aggaaccact	gacagagcaa	aatcatgctg	actgcttaga	ttcagctggg	ccacggttaa	900
atgtttgtga	taaatccagt	gccagcattg	gtgacatgga	aaaggagcca	ggaattccca	960
gtttgacacc	acaggctgag	ctccctgaac	cagctgtgcg	gtcagagaag	aaacgcctta	1020
ggaagccaag	caagtggcct	ttggaatata	cagaagaata	tgatcagata	tttgctccct	1080
aaggaaa						1087

<210> 1718  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (204)...(328)  
 <223> similar to gi4103882 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1718  
 gtccgctacc agttcacgcc tgccttcctc cgcctgaggc aggtgggagc cacgtgagtc 60  
 gctgggctat ggggtggtgt gggggtgagg gagaggggtgt gagggggcc ttcttagcct 120  
 ctcgatggg tgggtctgtcc tgagcctggc tggattgttg acttcatgga cagacttagc 180  
 tctgcctcct tttcttgctc atgggtggagt taacagtggg tgacaatcct gtatactatt 240  
 ttcgcttgat cgagaggcac tacgttcgca tccagggtact catatgctat gacttccact 300  
 atggtttctg tatacccagc aacacgcg 328

<210> 1719  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(114)  
 <223> similar to gi553800 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1719  
 ttggagttca gtgatgatat tgtgaagatc attgaagcag ccattaattc agatggagga 60  
 cagccagaaa ttaaaaaagc caacagcatg gtcaagtcct tcttcattcg ggtgaatgat 120  
 attactaatt catgttttta atgcttacct ataagtaatt accctgtgaa tacaatgaac 180  
 ttgttctctt ctactttttg ctttgtgggtg tgtataaaac atctttgggt taatttgatc 240  
 ccctgattct ttgagaggaa cttggtgagg ttgccagagt ggatggatct ttctcttggt 300  
 ggcctgaaat tatcctcgta ttaacagaga agctggtttg aaga 344

<210> 1720  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> similar to gi488555 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1720

tataaatgta	cagaatgtgg	caaagccttc	agtcagagca	tatgccttac	tcgtcatcag	60
agaagtcatt	ctggagataa	accttttaag	tgtaatgaat	gtgggaaagc	ctttaatcag	120
agtgcattgc	tcatgcagca	tcagagaatt	cattcaggag	agaagcccta	cacatgcact	180
gaatgtggta	aagccttcac	tcagaactct	tcccttggtg	aacatgaaag	gactcacact	240
ggagagaaac	tttataagtg	tagtgagtgt	gaaaaaactt	tccgcaaaca	agcacacctt	300
agtgagcatt	acagaattca	tactg				325

<210> 1721

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(364)

<223> similar to gi5912374 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1721

cctaacttgt	ttccgacagg	gcatgggtgct	gatgtgaaat	gtgtagactg	gcatccaacc	60
aaagggttag	ttgtttcagg	aagtaaagat	agtcaacagc	caatcaagtt	ctgggatccc	120
aagactgggc	agagtcttgc	aacacttcat	gcccataaaa	acacagtaat	ggaagtgaaa	180
ttaaacctca	atggcaattg	gctactcaca	gcatcacgtg	atcatctctg	taaacttttt	240
gatatcagaa	acctaaaaga	agagcttcaa	gtcttccgag	gtcataagaa	agaagccaca	300
gctgtggcct	ggcatcctgt	tcatgaagga	ctttttgcc	gtggaggggc	tgatggctct	360
ttgttattct	ggcatgttgg	ggtagagaag	gaagtgggtg	ggatggagat	ggctcacgaa	420
gggatgatac						429

<210> 1722

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(331)

<223> similar to gi50866 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1722
ggcttatgaa caaatgtgaa gacatttcaa ataaattgac caaacaagtt accatgctta    60
ctggaaatgg aggtggatgg aacatagaac aaccttccat tctaaaccag agtttgtcac    120
tcaagcccta tcagaagggt gggttgaatt ggctggcatt ggtacataaa catggactta    180
atggcatttt ggcagatgaa atgggcctag gaaaaactat tcaagccatt gcatttctgg    240
catacctcta tcaggagggt aataatggtc ctcatttgat cgttgttcca gcttcaacta    300
tagataactg gttaaggga gttaattt                                     328

```

```

<210> 1723
<211> 236
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(238)
<223> similar to gi3628757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1723
catcagcggc caggaaggat tgcaagcagt cttagccagc gactattcat ttgcacagtt    60
tagatatctc caaaggcttc tccttgttca tggaagggtg tcttatttcc gaatgtgcaa    120
attcttatgc tatttcttct ataagaattt tgcatttaca cttgtgcatt tctggtttgg    180
tttcttctgt ggtttctcag cccagactgt ttatgaccag tggttcatca cccttg      236

```

```

<210> 1724
<211> 884
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(497)
<223> similar to gi330862 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1724
ccacacgcag aacaacaaca acaagcccca ccaccacccg acaaatgaca acaaccccag    60
ctgcacttcc aacaacagtc gtgaccacac ccgatctcac aaccggaaca ccactccaga    120
tgacaacat tgccgtcttc acaacagcaa acacgtgcct ttcactaacc ccaagcacc    180
ttccggagga agccacaggt cttctgactc ccgagccttc taaggaaggg cccatcctca    240

```

ctgcagaatc	agaaactgtc	ctccccagtg	attcctggag	tagtgctgag	tctactttctg	300
ctgacactgt	cctgctgaca	tccaaagagt	ccaaagtttg	ggatctccca	tcaacatccc	360
acgtgtcaat	gtggaaaacg	agtgattctg	tgtcttctcc	tcagcctgga	gcatctgata	420
cagcagttcc	tgagcagaac	aaaacaacaa	aaacaggaca	gatggatgga	atacccatgt	480
caatgaagaa	tgaaatgccc	atctcccaac	tactgatgat	catcgccccc	tccttgggat	540
ttgtgctctt	cgcattgttt	gtggcggtttc	tcctgagagg	gaaactcatg	gaaacctatt	600
gttcgcagaa	acacacaagg	ctagactaca	ttggagatag	taaaaatgtc	ctcaatgacg	660
tgcagcatgg	aagggaagac	gaagacggcc	tttttaccct	ctaacaacgc	agtagcatgt	720
tagattgagg	atgggggcat	gacactccag	tgtcaaaaata	agtcttagta	gatttccttg	780
tttcataaaa	aagactcact	tattccatgg	atgtcattga	tccaggttg	ctttagtttc	840
atgaatgaag	ggtacttttag	agaccacaac	ttctctgtca	aaaa		884

<210> 1725

<211> 1958

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(528)

<223> similar to gi4803663 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1725

tatatcttgg	ccttagaaaa	tcagcttaca	atggccgaat	attttttaga	aaatgggtgca	60
aacgtagaag	caagtgatgc	tgaaggaagg	acagcacttc	atgtgtcttg	ttggcaaggc	120
catatggaaa	tgggtgcagg	cctgatagca	taccatgctg	acgtcaatgc	tgcagacaat	180
gaaaagcgct	ctgctttgca	gtctgcagcc	tggcagggcc	atgtaaaagt	ggttcagctt	240
ctgattgagc	atgggtgctgt	agttgaccat	acatgtaacc	aagggtgcaac	tgcaactctgt	300
attgcagccc	aggaagggca	cattgatgtt	gttcaggtct	tattagagca	tgggtgctgat	360
ccaaaccatg	ctgatcaatt	tggacgcact	gctatgcgtg	ttgcagccaa	aaatggacat	420
tctcagataa	ttaaattatt	agaaaaatat	ggggcatcta	gtttgaatgg	ctgttcccca	480
tctcctgttc	acacaatgga	gcaaaaacct	ctacagtcac	tgtcttcaaa	agtgcagtca	540
ttaacaatta	aatcaaatag	ctctggtagt	actgggtggag	gggatatgca	gccttcgtta	600
cgtgggtttac	ctaattgggccc	tactcatgct	tttagttctc	cttcagaatc	tccagattct	660
acagttgacc	ggcagaagtc	atcactgtca	aataattccc	tgaaaagctc	aaaaaattca	720
tctttgagaa	ctacttcac	tacagcaacg	gctcaaacag	tgccaattga	tagctttcat	780
aacttgtcat	ttacagaaca	aattcagcag	cattcattgc	cacgcagtag	taagtcgaca	840
gtcaattggt	tccccatctt	ccacaacaca	gtccttagga	cagagtcata	attcaccaag	900
tagtgaattt	gagtggagtc	aagtaaagcc	cagtttgaag	tcaactaaag	caagtaaagg	960
ggggaaatca	gaaaattctg	ccaagtctgg	atcagctggg	aaaaaagcga	aacaaagtaa	1020
ttcttcacag	ccaaagggtt	tagaatatga	aatgactcag	tttgatagaa	gaggacatat	1080
agccaaatcc	gggactgctg	caccacctaa	acaaatgcca	gcagaatctc	aatgcaaaat	1140
tatgatacct	tcagctcagc	aggaaattgg	tcgatctcaa	cagcagtttc	ttattcacca	1200
acaaagtggg	gaacagaaga	agagaaatgg	aataatgaca	aatccaaatt	atcatcttca	1260
gagcaaccag	gtttttcttg	gtaggggttc	agtcccacga	acaatgcaag	atagagggca	1320
tcaggaagtg	ttggagggat	acccttcctc	agagacagaa	ttaagcctta	aacaagctct	1380
gaagcttcag	attgaagggt	ctgaccctag	cttcaactat	aaaaaggaaa	caccattata	1440
aaagtttcct	attcttgtga	aacaagaaga	cattgtgatg	ggagtgggtc	ttcagctact	1500
ggatgggaaa	catatgcctg	ttgatttgct	gaaaaaacca	aaaaaatga	agaatgtgat	1560

cttctggcag	tacagttacc	ttaattactg	taatgtgccc	taaatagtaa	ggctgccctt	1620
ctcaatgtaa	ccctctgtgc	ttaaaaaatt	tcattttgtg	tgctttgtat	tcactacaca	1680
ggaataagca	cttttttaaaa	atgcagatac	atactgcagt	tccttgataa	aagctgaaaa	1740
gaaaatttga	gtattttaag	ttaaaattgt	gataaaaaaa	tgtgcatgtg	ccataatcaa	1800
atatatatga	aaaggcagtg	ttccttgtat	ttattttttt	ttctttttgt	ggcaaaagaa	1860
acttaaacat	actgtttcag	tcacattgca	ttgtagtgtg	tggcctgttt	cttgatatctt	1920
taaagacgtt	gctcaataaa	acaaatcttg	caactgta			1958

<210> 1726  
 <211> 1466  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(1244)  
 <223> similar to gi3929219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1726						
tggacttggtg	gcaattcact	cctcttcatg	aggcagcttc	taagaacagg	gttgaagtat	60
gttctcttct	cttaagttat	ggggcagacc	caacactgct	caattgtcac	aataaaagtg	120
ctatagactt	ggctcccaca	ccacagttaa	aagaaagatt	agcatatgaa	tttaaaggcc	180
actcgttgct	gcaagctgca	cgagaagctg	atgttactcg	aatcaaaaaa	catctctctc	240
tggaaatggt	gaatttcaag	catcctcaaa	cacatgaaac	agcattgcat	tgtgctgctg	300
catctccata	tcccaaaaaga	aagcaaataat	gtgaactggt	gctaagaaaa	ggagcaaaca	360
tcaatgaaaa	gactaaagaa	ttcttgactc	ctctgcacgt	ggcatctgag	aaagctcata	420
atgatgttgt	tgaagtagtg	gtgaaacatg	aagcaaaggt	taatgctctg	gataatcttg	480
gtcagacttc	tctacacaga	gctgcatatt	gtggtcatct	acaaacctgc	cgcctactcc	540
tgagctatgg	gtgtgatcct	aacattatat	cccttcaggg	ctttactgct	ttacagatgg	600
gaaatgaaaa	tgtacagcaa	ctcctccaag	agggtatctc	attaggtaat	tcagaggcag	660
acagacaatt	gctggaagct	gcaaaggctg	gagatgtcga	aactgtaaaa	aaactgtgta	720
ctgttcagag	tgtcaactgc	agagacattg	aagggcgctc	gtctacacca	cttcattttg	780
cagctgggta	taacagagtg	tccgtggtgg	aatatctgct	acagcatgga	gctgatgtgc	840
atgctaaaga	taaaggaggc	cttgtagcctt	tgcacaatgc	atgttcttat	ggacattatg	900
aagttgcaga	acttcttggt	aaacatggag	cagtagttaa	tgtagctgat	ttatggaaat	960
ttacaccttt	acatgaagca	gcagcaaaaag	gaaaaatatga	aatttgcaaa	cttctgctcc	1020
agcatggtgc	agaccctaca	aaaaaaaaca	gggatggaaa	tactcctttg	gatcttggtta	1080
aagatggaga	tacagatatt	caagatctgc	ttaggggaga	tgcagctttg	ctagatgctg	1140
ccaagaaggg	ttgttttagcc	agagtgaaga	agttgtcttc	tcctgataat	gtaaattgcc	1200
gcgataccca	aggcagacat	tcaacacctt	tacatttagc	aggtaagtga	atgaagtttc	1260
acagatttag	gctggtaata	tctgagattc	attttaccba	ggtaaaatat	tttctgtaac	1320
taaactttta	aaattcaaat	caggccaagc	atggtggctc	acacttgtaa	tcccaacact	1380
ttatgaggct	aaggcaggag	gattgcttga	gcccaggaat	ttgagagcag	cctgggcaac	1440
atggcaaaac	cacacctcta	taaaaa				1466

**00000000000000000000000000000000**

```
<210> 1728
<211> 1711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (993)...(632)
<223> similar to gi5824429 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1028



ctttcgattc	ttaagctttt	ctgtactgac	atgtacggtt	tctattttcca	cctctgtttt	780
ctttcttttg	atgctcttgt	gtttgtctaa	gtcaatttcc	tcgcagcttt	tttttctctt	840
atgcttagac	cgctcctcct	ctgattttttc	tctgccttcc	tctgggtgcc	ttttcctctt	900
ctgatgtatc	tgtttgtgac	tggcttgatg	agtactggta	ctgttatctg	aggagaagtg	960
cttgtaaaact	ctatgttcta	caccatgtga	gccacaaata	tattcttggt	gattaaagt	1020
caggggtact	ggtttttctg	agaaacagtc	cctcgtgaac	tgacagtagc	tcagagagtc	1080
tagtctcaat	ctgctgtcat	gggctggtaa	ccactgaggc	aaccgatttt	ccactgtttg	1140
tggaatattg	catgatcttg	ggtaggtctg	gatggtttca	gatgggagtc	tctggtcaaa	1200
cattctatac	gtgggtctgg	aattaacctc	tcctttgtac	ccacaggttt	ccaaatagtc	1260
ccctttcatc	tttctgaaac	aagtctttgg	ctctaagcct	ctggctttct	gtactttaat	1320
ataatcttca	agttcatctt	gaaaagagtc	atatgtcttc	tttgaatgct	tcattagggt	1380
gacaaaacgg	gatttttcctt	atcaggctga	gaatttggtg	gagaaatctg	atcatattca	1440
ctcagttttt	cagcatgaat	tttcaaatac	tgagactaca	caataactgg	tgagctcata	1500
atgcaaaatc	ctttgtttatt	tgaactgtaa	cactactcca	cagacatctt	ttataaaagg	1560
tatctgtaaa	caaagttcag	tctttgttca	ttcaatgtgg	tatcttctct	gaggcagggg	1620
cgggcgtcta	caactactgt	ccccacccc	gccaacgccg	ccagccaggg	gataagccgc	1680
ggtggagacc	attctgatgt	tggacgtgtc	c			1711

```

<210> 1729
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(764)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1729	
atccaacctg	aaacctggag tcaattacta cttccgggta tctgctgtaa actgtgctgg 60
acaaggagaa	cctatagaaa tgaatgaacc tgtacaagct aaagatatac ttgaggcacc 120
agagattgac	ctggatgtgg ctctcagaac ttctgttatt gccaaagctg gtgaagatgt 180
acaagtgttg	attcccttta aaggcagacc tccacctact gtcacatgga gaaaagatga 240
gaagaatctt	ggcagtgatg ccagatacag cattgaaaac actgattcat cctcattact 300
caccattcct	caagttactc gcaatgatac aggaaaatat attctcacia tacaacatgg 360
agttggtgaa	cctaagtctt caactgtgag tgttaaagtg cttgacacac cagctgcctg 420
ccagaaacta	caggttaaac atgtttctcg aggcacagtc actttgctct gggatcctcc 480
tctcattgat	ggaggatctc caataattaa ttatgtcatt gaaaagagag atgccaccaa 540
gagaacatgg	tctgtcgtgt cacacaaatg ttctagcaca tccttcaagc taatagattt 600
gtcggagaag	actccattct tcttcagagt tcttgacaga aatgaaattg gaattgggga 660
accctgtgaa	actacagagc cagtgaaggc tgctgaagta ccagctccta tacgtgatct 720
ctcaatgaaa	gactcaacaa agacatctgt catcctcagc tg 762

```

<210> 1730
<211> 844

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(847)  
<223> similar to gil017427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1730

cttctcagag	gtgtaataata	actacgactg	aaaaatcggc	aatcctggaa	attccaagta	60
gcacagtaga	ggatgcagga	caatacaact	gctacattga	aaatgcctct	ggaaaagatt	120
cctgttcagc	acaaatactc	atactagaac	caccgtatth	tgtcaagcag	ttggagccgg	180
ttaaggtgtc	tgttgagat	tctgcctctc	tacaatgcc	gcttgctgga	acccctgaaa	240
ttgggggtatc	ctggtataaa	ggagatacaa	aattgagacc	cactacgact	tacaaaatgc	300
atthtaggaa	taatgttgct	acactggth	tcaaccaggt	tgatattaat	gatagtggag	360
aatatatctg	caaagctgaa	aacagcgtgg	gagaagtht	tgcatcaact	ttccttaccg	420
ttcaagagca	aaaacttcca	ccatcattht	ctcgacaatt	gagagatgtt	caaggaacag	480
ttggactgcc	agttgttht	gattgtgcca	taagtggatc	agaacctatc	tccgtgtctt	540
ggtataaaga	cggcaagcca	ttgaaagaca	gccccaatgt	acaaacatca	thtttagaca	600
atacagccac	actcaatatt	thtaaaactg	accggagcct	tgcaaggccag	tattcctgca	660
cagctacaaa	ccctataggc	tctgcttht	ccagtgccag	gctcattctc	acagagggga	720
agaaccac	cttctthgac	atccgtcttg	cccctgtgga	tgctgtggtg	ggagaaagtg	780
ctgactthga	gtgccacgtc	acgggcacac	aaccgataaa	ggtcagctgg	gccccaaagaca	840
gcat						844

<210> 1731  
<211> 1404  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (110)...(1061)  
<223> similar to gi3874886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1731

gcgccacgcg	cggcctggcg	gcggcgccca	ctctaaccag	cgcaaaatgt	ccctggaaca	60
ggaggaggaa	acgcaacctg	ggcggtctct	aggacgcaga	gacgccgtcc	ccgccttcat	120
tgagcccaac	gtgcgttht	ggatcaccca	gcgccaatcc	thtattcgac	gattthtca	180
atggacagaa	thattagatc	ctacaaatgt	gthcatthca	gthgaaagta	tagaaaactc	240
gaggcaacta	thgtgcacaa	atgaagatgt	thccagccct	gcctcggcgg	accaaaggat	300
acaggaagct	tggaagcggg	gtcttgcaac	agtgcatccc	gacagcagca	acctgatccc	360
caagcttht	cgacctgcag	cgthcctgcc	thtcatggcg	cccacggtat	thttgtcaat	420
gacgccactg	aaagggatca	agtcctgtat	thtacctcag	gththcctct	gtgcctacat	480
ggcagcgttc	aacagcatca	atggaaacag	aagthacact	tgtaagccac	tagaaagatc	540

```

attactaatg gcgggagccg ttgcttcttc aactttctta ggagtaatcc ctcagtttgt 600
ccagatgaag tatggcctga ctggcccttg gattaaaaga ctcttacctg tgatcttcct 660
cgtgcaagcc agtggaatga atgtctacat gtcccgaagt cttgaatcca ttaaggggat 720
tgcggtcatg gacaaggaag gcaatgtcct gggtcattcc agaattgctg ggacaaaggc 780
tgtagagaaa acgctagcat ccagaatagt gctgtttggg acctcagctc tgattcctga 840
agtcttcacc tactttttta aaaggaccca gtatttcagg aaaaacccag ggtcattgtg 900
gattttgaaa ctgtcttgta ctgtcctggc aatgggactg atgggtgccat tttcttttag 960
tatatttcca cagattggac agatacagta ctgtagtctt gaagagaaaa ttcagtctcc 1020
aacagaagaa acagaaatct tttatcacag aggggtgtag gccgtgagtt ttaggtgaat 1080
ttatgtggtt ccctgcttga aaaccttccc cctctcccag gttcggttta gagaactttg 1140
cccacaggtc ttctggggac ccagaggtg tctgtgctga caaggcgact tcagattcca 1200
tactgagatc gttcccaggc tggcgtctct ggggttttta aggctggctg gagaagacag 1260
tggaaggggt gccccgtctg acaccctgg ggttgctgag ggaacggttg gagtggggat 1320
cggcctgcga aaggatactg tgaaatcact aattaactaa taaacctgtc tcaagttgag 1380
gatttgaaga aaaaaaaaaa aaag 1404

```

```

<210> 1732
<211> 562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(565)
<223> similar to gi312142 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1732
cccacgcgtc cgggagattg gaagtcttct ataacgggac ctggggcagc gtcggcagga 60
ggaacatcac cacagccata gcaggcattg tgtgcaggca gctgggctgt ggggagaatg 120
gagttgtcag cctcgcccct ttatctaaga caggctcttg tttcatgtgg gtggatgaca 180
ttcagtgtcc taaaacgcat atctccatat ggcagtgcct gtctgccccca tgggagcgaa 240
gaatctccag ccagcagaaa gagacctgga tcacatgtga agatagaata agagtgcgtg 300
gaggagacac cgagtgtctt gggagagtgg agatctggca cgcaggctcc tggggcacag 360
tgtgtgatga ctctggggac ctggccgagg cggaagtggg gtgtcagcag ctgggctgtg 420
gctctgctct ggctgccctg agggacgctt cgtttggccg gggaactgga accatctggt 480
tggtatgacat gcggtgcaaa ggaaatgagt catttctatg ggactgtcac gccaaaccct 540
ggggacagag tgactgtgga ca 562

```

```

<210> 1733
<211> 489
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (79)...(490)  
 <223> similar to gi5019275 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1733  
 cccacgcgtc cgccacgcgc tccgccctcc ctgacttttc cagcctttca ctttaacttc 60  
 ctggagctct aatttctcct tctcagatca gcatccccag aacacacctg tgttaagtca 120  
 aagaccttgg acccaatggt catcttcttc accagtggga ccacaggctt cccaagatg 180  
 gcaaaacact cccatgggtt ggccttaca ccctccttcc caggaagtag gaaattacgg 240  
 agcctgaaga catctgatgt ctctgggtgc ctgtcggact caggatggat tgtggctacc 300  
 atttggaccc tggtagaacc atggacagcg ggttgtacag tctttatcca ccatctgcca 360  
 cagtttgaca ccaagggtcat catacagaca ttggtgaaat accccattaa ccacttttgg 420  
 ggggtatcat ctatatatcg aatgattctg cagcaggatt tcaccagcat caggttccct 480  
 gccctggag 489

<210> 1734  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(483)  
 <223> similar to gi3327168 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1734  
 cttggtatgt ggtgccccca gaacatggcc agcgcctgga acgcctggcc agggagctct 60  
 tcccaggcag tccccggggt tgtggggcct tctgcgga caaggtggcc ctcatctcgc 120  
 ctacagttct caaggaaaat gggattccct tcaatcgcat aactcaggag gctggagagt 180  
 tcatggtgac ctttccctat ggctaccatg ctggcttcaa ccatggtttc aactgcgcag 240  
 aggccatcaa ttttgccact ccgcgatgga ttgattatgg caaaatggcc tcccagtgtg 300  
 gctgtgggga ggcaagggtg accttttcca tggatgcctt cgtgcgcacg ctgcaacctg 360  
 aacgctatga cctgtggaaa cgtgggcaag accgggcagt tgtggaccac atggagccca 420  
 gggtagcagc cagccaagag ctgagcaccg agaaggaagt ccagttaccc aggagagcag 480  
 cgctgggcct gagacaactc ccttcccact gggcccggca ttccccttgg cctatggctg 540  
 cccgcagtgg gacacggtgc cacacccttg tgtgctcttc actcccacgc cgatctgcag 600  
 ttagtggcac tgctacgcag ccccgggctg ctgctgtcca cagctctaag aagcccagct 660  
 caactccatc atccaccctt ggtccatctg cacagattat ccaccggga aaaggcagac 720  
 gtggtcgggg tcgcctcc 738

<210> 1735  
 <211> 689

043210

```
<210> 1736
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(378)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1033

<210> 1737  
 <211> 517  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (294)...(520)  
 <223> similar to gi458399 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1737  
 catccccctt cattcaatcc tgtagcaact ggcagtgaca agtggtgccc aggacaggga 60  
 catgagcaaaa gaaggctctgc tggagcagag aaagtgaaac tgaccagatg agcaagaaac 120  
 cttgggacaa gtctactggc agctaataata agcacatacc aaggttacca gcactcgggg 180  
 aagcaaggac ggaagaagaa aagaggatgc tctttctccc tcatgtaccc caggatatctg 240  
 ctagaaagag aagagaacta gggacacctg ccaccctctt cctaggttct gtggatggaa 300  
 agagaccaaaa tacttttagca tccaatactc agctgtacaa gtggatatcc cagaatgacc 360  
 ttcttggtca tccaaaaact aaatctttta tgactcatgg ggaaaccagt ggcattctatg 420  
 aggcaatcta ccatgggagc cctatggtgg gcattccttt gtttgcagat caacctgata 480  
 acattgctca catgaaggcc ctcaatgtgg acatcag 517

<210> 1738  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(149)  
 <223> similar to gi189036 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1738  
 caggcctgct gcaggggcta cctggccagg aaagcatttg ccaagcggca gcagcagctt 60  
 accgccatga aggtcctcca gcggaactgc gctgcctacc tgaagctgag gaactggcag 120  
 tggaggcggc tcttcaccaa ggtgcgtgct aagaagggcc tcttgagtag ctgggactac 180  
 ggggtgcacac caccatacat acctggctaa ttgtttgtat tttttgtagg aggtgtggtc 240  
 tcaccatggt cgcccagggt ggttcacaaa ctcttggggc tccagcaatc ctccttacct 300  
 tcagccttcc caaagtgtcg ggaattacag ggcatggagc cactggtggc ccggcccttt 360  
 ttgcattttt agtaggagac aaggctcttca ctatttttgc ccaggttgac ctttcctggg 420  
 g 421

**07-03768**

```
<210> 1740
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(330)
<223> similar to gil439625 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<210> 1741

<211> 358  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (107)...(360)  
<223> similar to gi38522 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1741  
gtgcagtgtc ccttttagcag tcattaactc acagtgagtt atcaatgggt gttagttctc 60  
tgtgggtctg acaacttagt atagtgtgaaa gagtgctggc ctgtggctga acatgctgga 120  
gaagagcttg cctggccaca gggacacagc cacgcagatc cagcatgtgt ctcccatgtg 180  
ccaagtggag cccccagcca agaaggcagc cacactagca gaggggtgaca aggacaatga 240  
cattgacctg tttgtcagcg acaatgagga ggaagacaag gaggcagccc ggctgtggga 300  
gaagtggctg aggtggtatg tggagaagaa ggccaagaag actgcgttgg tgggtcaag 358

<210> 1742  
<211> 1552  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (756)...(1525)  
<223> similar to gil747 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1742  
atgaaccatc caaatctggt aatcaagata cctgtagtcc ttttccaggg atgctctttg 60  
gaggtgaaga tcgaggaact tattcagaga aggaaagaga aatccagtct agactgggtg 120  
gaacaaatgg ctgagcaaca gaggagcaag agacgagaaa aagatctaga actcagggtt 180  
gcagcgtctg gagcacaaga ccctgagaaa tcgtggaatg aattactcac atcattgcag 240  
ttaagtaagg aggagcctga tagactaaag cagtttagtg tggcaccaag acactttgaa 300  
gagatgatac cacctgaaag acccagaata gctttccaga cacctctccc gcctttatct 360  
gccccatctg tcccacccat cccatcagtt catcctgttc cttctcaaaa tgaagatttg 420  
cgcagtggac tcagccagcg cccttggtga aagggcgtct cccaggattg cacctctgcc 480  
tatcacctcc cctactacca cctttggcta ctaactatcg aactccttat gatgatgcat 540  
actattttta tggggccagg aatactttcg atcccagtct tgcttattat gggttcaggaa 600  
tgatgggcgt acagcctgca gcttatgtta gtgctcctgt caccaccaa ctagcacaac 660  
ctgttgtgaa tacggttgga cagaatgaac tgaagattac aagtgatcaa gtgataaatt 720  
caggattgat ttttgaagat aaaccgaaac cttccaaaca gtcacttcag tcttaccaag 780  
aggctttgca gcagcagatt cgggaaagag aagaaagaag gaagaaagaa cgtgaagaaa 840  
aagaagaata tgaagctaaa ttagaagctg aaatgagaac atataatccc tggggaaaag 900  
gtggagggtg tgctcctctc agggatgcaa aaggaaatct gataactgat ttgaatagga 960  
tgcacagaca aaatatagat gcctaccata acccagatgc aagaacatat gaagataaaa 1020



```

gggctgttgt atctctagac ccaaatttag ccacttcaaa tgctgagaac ctagaagatg 1080
ctgcaaataa aagctcaggt catatgcaaa cacagagctc tccttttgct cggggaaatg 1140
tatttggtga gcctccaact gaacttcaga ttaaacagca agaattatac aagaattttc 1200
ttcgtttcca gattgaggaa aagaaacaaa gagagggaagc agagcgagag agactgagaa 1260
ttgcagaaga aaaagaagaa agacggccttg cagaacagag ggcacgaatt cagcaggagt 1320
atgaagagga acaggaaaag aaaagagaga aagaggagga gcaaaggcta aaaaatgaag 1380
agcatattcg gtttagctgaa gaaagacaaa aagaagcaga aagaaagaag aaagaagaag 1440
aagaaaaata taacctgcaa cttcagcact actgtgaaag agacaatttg attgggggaag 1500
aaacaaagca catgagacag ctttctccta tagttcctgc tcttcagaac aa 1552

```

```

<210> 1743
<211> 594
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (115)...(594)
<223> similar to gi3876101 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1743
ggcacgaggt gcgtccctga tcttattacc tgctaaaggc cctatgcttt atgctaaatc 60
aaaattcccc ttaatcatca atgctaaaac ctttttttac ttttaatctt acttaaagat 120
tccttattag caagcttgct ggatggagta agagcctctg gtaatagaga tgtttgatgca 180
aaaatgacac caaccataa aggtcagcga tggggggttac tcatcatgcc tgttgatgag 240
gaagtagaga gccttcacct cagggttctta gctacgcctc caaatggcaa ctttgcagat 300
gctgtattca ggatcaatgc taatatttca tacagtggag tcctacatgc agtaacacaa 360
gatggtctct tctcagaaaa caaagaaaaa ctgatcaata atgccataac agcattactg 420
tccaagaag gggatgtcgt tgcttcaaat gccgaacttg agagtcagtt ccaggctgtg 480
aggaggcttg tggcatccaa agctggtttc ctggctttca ctcagcttcc aaagtttcgc 540
gagcgtctag nggtgaaggt agaaaaagca ctcaaaagag caacaacgga tatt 594

```

```

<210> 1744
<211> 1269
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(1270)

```

<223> similar to gill136422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1744

gcgcccacgc	gtccgggtctt	tcccacactg	caggatctgt	cttcttctaa	agaaccttct	60
aattccctaa	acttacctca	cagtaatgag	ctgtgttcat	cccttgtgca	tcccgaattg	120
agtgagggtca	gttctaactg	tgcaccaagc	atccctccag	taatgtcaag	acctgttagc	180
tcttctctca	tttccactcc	cttgccccca	aatcaaataa	ctgtatttgt	cacttccaat	240
cccatcacaa	cttcagctaa	cacatcagca	gctttgcca	ctcacttgca	gtctgcattg	300
atgtcaacag	ttgtcacaat	gcccgaatgcg	ggtagcaagg	ttatggtttc	tgagggacag	360
tcagctgctc	agtctaatagc	ccggcctcag	ttcattacac	ctgtctttat	caattcatcc	420
tcaataattc	aggttatgaa	aggatcacag	ccaagcacaa	ttcctgcagc	cccactgaca	480
accaactctg	gcctgatgcc	tccctctgtt	gcagttgttg	gccctttaca	catacctcag	540
aacataaaat	tttcttctgc	tctgtaccg	cctaatagcc	tctccagtag	tcctgctcca	600
aacatccaga	caggctgacc	tttggtcctt	agctcacgag	ccacccctgt	tcagcttcct	660
tccctctctt	gtacgtcttc	tccagttgtc	ccttctcatc	cccctgtgca	gcaagtga	720
gaattgaatc	cagatgaggc	tagccctcag	gtgaacacct	cagcagatca	gaacactctt	780
ccctcttcac	agtcaaccac	aatgggtttct	ccccttttga	ccaatagtcc	agggtcctct	840
ggcaaccggc	gaagcccagt	ctcgtctagt	aaggggcaaag	gaaaagtgga	caaaattggc	900
caaattttgt	tgaccaaggc	atgtaagaaa	gttacaggct	ctcttgagaa	aggggaagaa	960
caatatgggtg	cagatggaga	gactgaaggc	caagggtctag	acaccacagc	tccggggctc	1020
atgggaacag	agcagttatc	cacagagctg	gacagtaaaa	ccccaacgcc	cccagcaccc	1080
actctgctaa	aaatgacctc	tagccctgtg	ggcccgggca	ctgcctcagc	aggacccagc	1140
ttacctggcg	gtgctctccc	caccagtgtg	cgctcgatag	taaccactct	ggtaccctcc	1200
gagctcatct	ccgccgtacc	gaccacaaaa	agcaatcatg	gtggcatagc	atctgagtca	1260
cttgccggg						1269

<210> 1745

<211> 1276

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (35)...(1158)

<223> similar to gi2649562 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1745

tctacagcag	ggtatacagg	aacgagacag	tcaaattaag	atgctcaccg	aacaagtaga	60
acaatatata	aaagaaatgg	aaaagaatac	ttgtattatt	gaagatttga	aaaatgagct	120
caaagaaac	aaagggtgctt	caaccctttc	tcaacagact	catatgaaaa	ttcagtcac	180
gtagacatt	ttaaaagaga	aaactaaaga	ggctgagaga	acagctgaac	tggctgaggc	240
tgatgctagg	gaaaaggata	agaattagt	tgaggctctg	aagaggttaa	aagattatga	300
atcgggagta	tatggtttag	aagatgctgt	cgttgaaata	agaattgta	aaaaccaa	360
taaaataaga	gatcgagaga	ttgaaatatt	aacaaaggaa	atcaataaac	ttgaattgaa	420
gatcagtgat	ttccttgatg	aaaatgaggc	acttagagag	cgtgtgggcc	ttgaaccaa	480

gacaatgatt	gatttaactg	aatttagaaa	tagcaaacac	ttaaaacagc	agcagtacag	540
agctgaaaac	cagattcttt	tgaaagagat	tgaaagtcta	gaggaagaac	gacttgatct	600
gaaaaaaaaa	attcgtcaaa	tggctcaaga	aagaggaaaa	agaagtgcaa	cttcaggatt	660
aaccttgag	gacctgaacc	taactgaaaa	catttctcaa	ggagatagaa	taagtgaag	720
aaaattggat	ttattgagcc	tcaaaaatat	gagtgaagca	caatcaaaga	atgaatttct	780
ttcaagagaa	ctaattgaaa	aagaaagaga	tttagaaaag	agtaggacag	tgatagccaa	840
atctcagaat	aaattaaaa	aattagttga	agaaaaata	caacttgaag	aaggtatgaa	900
agaaatattg	caagcaatta	aggaaatgca	gaaagatcct	gatgttaaag	gaggagaaac	960
atctctaatt	atccctagcc	ttgaaagact	agttaatgct	atagaatcaa	agaatgcaga	1020
aggaatcttt	gatgcgagtc	tgcatTTgaa	agcccaagtt	gatcagctta	ccggaagaaa	1080
tgaagaatta	agacaggagc	tcagggaatc	tcggaaagag	gctataaatt	attcacagca	1140
gttggaataa	gctaatttaa	agatagacca	tcttgaaaaa	gaaactagtc	ttttacgaca	1200
atcagaagga	tcgaatgttg	tttttaaagg	aattgactta	cctgatggga	tagcccatc	1260
tagtgccagt	atcatt					1276

```

<210> 1746
<211> 951
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(952)
<223> similar to gi5262588 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1746						
ggaggcagga	gggtactaac	ctccgaagcc	agactctgtt	atgtgtgctc	agggagtgtg	60
gagcggctgg	tggagtgtctg	ggcaaaatgc	caccaggctt	tgtcccccat	ggctctgcag	120
gacctgatgg	agaaggtgat	ggttcttaac	aggagcttgg	agcaactgcg	gggtcctcat	180
gggggtgagcc	caggccctgc	cacaacctac	agggtcactc	agtatgcaa	cctcctggca	240
gcccagggca	gcctggccac	tgccatgagc	tttctaccca	gggactgtgc	tcagccacca	300
gttcagcagc	taagagatcg	gctttttcat	gctcaagggt	ctgctgtctt	gggccaacag	360
tctccccctt	tccccctccc	ccggattgtt	gtgggagcta	ccctccactc	taaagagaca	420
tcattctaca	gattgggatc	ccagccttct	caccagggtc	caactccatc	tccaaggcca	480
agggttttca	cccctcagtc	atcaccagcg	atgcccttgg	caccttccca	tcctagccct	540
tatcaggggtc	ccaggacaca	gaatataagt	gactacaggg	cacctgggcc	ccaggccatc	600
cagcctttgc	ctttgagccc	tggggtaagg	cctggacctc	aagattcctg	gaaagaagcc	660
ccagcccca	ggggaaacct	ccagaggaac	aagctgccag	agacatttat	gccccagca	720
ccaattactg	ctccagttat	gagcctcacc	cctgagctac	aagggtattct	tcctcacag	780
ccccctgtct	ccagtgtgag	tcattgtccc	ccaggagttc	caggagaact	cagcctgcag	840
cttcagcacc	tgccacctga	gaagatggaa	aggaaggagc	tgccccaga	gcatcagtc	900
ttgaagagca	gctttgaggc	gcttctccaa	cgctgtctcc	tgtctgcaac	t	951

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<210> 1747
<211> 414

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<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (210)...(417)  
 <223> similar to gi2734081 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1747  
 gcgagcatgc atcacatcag aagggctcat tgccttcacg aacgacaatc gagtgggttag 60  
 aaccaaagat atgtttatca aaccactata aaaatggagc tgaccagccc ttgcaactg 120  
 atcagagtaa gccggtggca gtcccagaag agcagcctgt tgcagaatct ggactattag 180  
 cgagggagcc tgaagaaata aatgcagatg atgagataga ggatacatgt gaccacaaag 240  
 aggatgacct gggagctgta gaagaacaac gtagtgtcat cctacatctc ttgtcacagc 300  
 ttaagctggg catggattta acaagagtgg tgcttcctac atttatccta gagaagcggt 360  
 ccttgctgga aatgtatgca gactttatgt ctcattccaga cctatttata gccca 414

<210> 1748  
 <211> 134  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(136)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1748  
 tttttttttt gagatggagt ctcgctctgc tgcccaggct ggagtgcagt ggtgcaatct 60  
 tggtcactg caagctctgc ctcccagggt caccgcatc tctgcctca gcctcccagag 120  
 tagctgggac taca 134

<210> 1749  
 <211> 12  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(13)  
 <223> similar to gi3873837 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1749  
gtaaaaaaaa aa 12

<210> 1750  
<211> 504  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (193)...(319)  
<223> similar to gi5689515 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1750  
cggacgcgtg ggattttgaa cctaccagca aggaagagag ttgaacaatt tgcccatagt 60  
catgcagatt taggactgtg ccagagaccc cagcaacctg ctccctagct caggtagcctt 120  
ccttccaggc tcttggtacc actctcagag tggactccca gatgtggggg aggggttttct 180  
gaaacttaaa atcatcgagt ttcccttcgt tttctctctt gtgcagcccg atatcagaat 240  
gaattagctg gcgtagatac cgagctgcta gccgagagat tttactacca agccctgtca 300  
gtagctcctc agattggtaa gttgtcccca acttgggcct ctgaatccag tagggttttc 360  
ctaggggaaga cgatgttggt gagatggcag gcagttcata ctcatTTTTcc ccagctcctc 420  
ttcatttctca gctctctcgt acttcacctt gtttatacct tttccctctt gtaacacact 480  
cagaaaatgg tggaagggga agat 504

<210> 1751  
<211> 839  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (239)...(592)  
<223> similar to gi5531827 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1751  
cctgagcccc gcgagcagga gaggaggtct tccgggccgc ggcctccgag cgcgcgggat 60

ttgcagaact	taatatgaat	gtgaagaact	tgcaaagaaa	cttgaaaaca	gccaaagggga	120
tggcatatca	agaaataaat	tggccttggc	agaattgtat	gaagatgaag	tgaagtgcaa	180
atcttccaag	tctaatagac	ctaaagccac	agtcttcaag	agcccacgga	caccacctca	240
acggttttac	tcaagtgaac	atgaatacag	tggattaaat	atagttcgac	cttcaactgg	300
gaaaattgtg	aatgaacttt	tcaaagaggc	aagggaacat	ggggctgtcc	ctctgaatga	360
agccacaaga	gcttcagggtg	atgataaatc	taagtcattt	acagggtggag	gatacagatt	420
gggtagttct	ttttgtaagc	ggctctgaata	tatctatgga	gaaaatcagc	tgcaagatgt	480
tcagattttg	cttaaaactgt	ggagcaatgg	tttcagttta	gatgatggag	aattgagacc	540
ttacaatgaa	ccaacaaatg	ctcaattttct	ggagtctgtt	aagagagggg	tgactctcat	600
tgcatgtatg	cctgaaattc	agcaacttat	gtagaaatc	ttttaatgtg	gcattactgc	660
tggcagaaga	tttcaaaagg	ttagtttgaa	gttataattt	gtgaaagtaa	actcagatat	720
tcagtgtctc	cacccatcca	aagaacattg	taacttacca	gctcttcttg	ctaaaggatg	780
aggaatcaag	tgattttgct	atgataataa	aagcttttct	gtgttatgat	taaaaaaaa	839

<210> 1752  
 <211> 489  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (42)...(417)  
 <223> similar to gi4966270 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1752		
ttgtcacctc	attacgccaa gcttggggaa gggaactact tcagtttgat cacgggcagt 60	
caaatccaac	ttactacatc aggtctggcta atcgtgatct agttctgagg aagaagcccc 120	
cagggacact	ccttccatct gcccatgcca tagagaggga gttcaggatt atgaaagccc 180	
ttgcaaattg	caggagtacct gtccctaacg ttcttgatct ctgtgaagat tcaagtgtca 240	
ttggcacccc	cttctatgtg atggagtact gcccaggctc catctacaaa gacccttccc 300	
tgccaggctt	ggagcccagc cacagacgag ccatatacac tgccatgaac acagtcctgt 360	
gcaaaattca	cagtgtggat ctgcaggctg tgggacttga agactatggg aagcaaggct 420	
cgacaacctg	ggtgtttcat ccagaagagc cagagggtgct ttgctgttcc ttgactggga 480	
actttctac		489

<210> 1753  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(564)  
 <223> similar to gi488551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 1753
tgggaaagac tttcgccacc aacatacact gtttgagcac cagaaaatcc acacagagga      60
aaggccttat gagtgcagtg aatgtggcac attgtttagg tacaactccg accttattaa      120
acatcagcga aatcatactg gagaaaggcc ttataagtgt agtgaatgtg gaaaagcctt      180
cagcctcaaa tacaatgttg ttcaacacca gaaaattcac actggagaaa ggccttatga      240
gtgcagtga tgtgggaaag cttttcttag aaagtctcac ctacttcagc accagaggat      300
tcacaccagg ccaaggcctt atgtgtgtag tgaatgtggg aaggccttcc ttacacaggc      360
tcaccttggt ggtcaccaga aaattcatac tggagaacgg ccttatggat gcaatgaatg      420
tgggaaatac tttatgtaca gttcagcact cattagacat cagaaagttc aactggaga      480
aaggcctttt tattgtgtgt aatgtgggaa attctttatg gacagctgca cactcattat      540
tcaccagaga gttcatactg gg                                562

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<210> 1754
<211> 841
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(828)
<223> similar to gi3878112 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 1754
tgtctataac caagaccctg tagttacctc tagatttagg gtgaagctga cactacaggg      60
cctggaggaa gatgacgatg atagggtatc tcccactgta ctccacaaaa tgtccaatag      120
cttgagagata tccttaataa gcgacaatga gttcaagtgc aggcattcac agccggagtg      180
tggatatggc ttgcagcctg atcggtggac agagtacagc atacagacga tggaaaccaga      240
taacctggaa ctaatctttg attttttcga agaagatctc agtgagcacg tagttcaggg      300
tgatgccctt cctggacatg tgggtacagc ttgtctctta tcatccacca ttgctgagag      360
tggaaagagt gctggaattc ttactcttcc catcatgagc agaaattccc ggaaaacaat      420
aggcaaagtg agagttgact atataattat taagccatta ccaggatata gttgtgacat      480
gaaatcttca ttttccaagt attggaagcc aagaatacca ttggatgttg gccatcgagg      540
tgcaggaaac tctacaacaa ctgcccagct ggctaaagtt caagaaaata ctattgcttc      600
tttaagaaat gctgctagtc atggtgcagc ctttgtagaa tttgacgtac acctttcaaa      660
ggactttgtg cccgtggtat atcatgatct tacctgttgt ttgactatga aaaagaaatt      720
tgatgctgat ccagttgaat tatttgaaat tccagtaaaa gaattaacat ttgaccaact      780
ccagttgtta aagctcactc atgtgactgc actgaaatct aaggatcgga aagaatctgt      840
g                                                                841

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<210> 1755
<211> 1256

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (179)...(1219)  
 <223> similar to gi861392 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1755

ctcgatcacc	tgatggccct	gcggcgagc	tcccgggttg	acccacgcgt	ccgagcggat	60
gttcactctc	acgacatga	ttcaagctct	tgcacctgtt	atgggatggg	acaggaagcc	120
actgaagatg	ttttcatcag	aagagatgag	aggacatctt	catcatcatc	ataaatgtct	180
gacgaagatc	ctgaagggtg	aggggcaggt	tccagatctg	ccatcctgcc	tgccctgac	240
tgacaacacc	cgcatgctgg	cctctatcct	catcaacatg	ctctatgatg	acctgcgctg	300
tgaccgggag	cgcatcact	tccgcaagat	ctgtgaggaa	tatatcacgg	gcaagtttga	360
ccccaggac	atggacaaga	acttgaatgc	catccagaca	gtgtcaggga	tcctgcaggg	420
cccctttgac	ctgggcaacc	agctgctggg	actgaaaggt	gtgatggaga	tgatggtggc	480
actatgtggc	tcagagcgcg	agacggacca	gctggtggcc	gtggaggccc	tcattccatgc	540
ctccacgaag	ctcagccgcg	ccaccttcat	catcaccaat	ggagtgtcac	tgctcaaaca	600
gatctacaag	accaccaaaa	atgagaagat	caagatccgc	acactggtgg	gactctgtaa	660
gctcggtctt	gcaggtggca	cagactacgg	tctcaggcag	tttgcggaag	ggtcgacaga	720
aaaactggcc	aaacagtgtc	gcaagtggct	gtgcaatatg	tccatagaca	ctcggacccg	780
acgctgggca	gtggaggggc	tggcctacct	cacgctggac	gctgatgtga	aggacgactt	840
tgtccaggac	gtccctgccc	tgcaggccat	gtttgagctg	gccaaagaca	gtgacaagac	900
catcctgtac	tcggtggcca	ccacctggt	gaactgcacc	aacagctacg	atgtcaagga	960
ggtcatccca	gagcttgctc	agctcgccaa	gttctccaag	cagcatgtgc	ccgaggaaca	1020
ccccaaaggac	aagaaggact	ttatagacat	gcgggtgaag	cggttctga	aggcgggtgt	1080
catctctgcc	ctggcttgca	tggtgaaagc	agatagtgcc	atcctcactg	accagaccaa	1140
ggagctgctg	gccagggtat	tcctggcact	gtgtgacaac	ccaaaggacc	gaggcaccat	1200
tgtggctcaa	ggtggtggca	aggccctgat	tcccctggct	ttggagggca	cagatg	1256

<210> 1756  
 <211> 659  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(589)  
 <223> similar to gi3875774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1756

acttttctaag	gcaatcggtc	tttgttttcg	actacacttc	acaaaagata	atattacaaa	60
taatacagct	gctgctacag	tgcgacaagt	tgttactgtt	gtttttgaga	ggatggttgc	120
tgaagatgaa	cgacacagag	atattataga	acaaccagta	ctggtacaag	gaaatagtaa	180



cagaagatct	gtcagtagcc	tcaaaccttg	tgctaaagat	gcataatgc	ttttccagga	240
tctttgtcag	ttgggttaatg	ctgatgctcc	ttattggcta	gtgggcatga	cagaaatgac	300
tcggacgttt	ggcctcgaat	tacttgagtc	agtcctcaat	gattttccgc	aggtcttttt	360
acaacaccaa	gaatttagtt	tcctcctcaa	agaaagggta	tgctcctctg	tgataaagct	420
cttttctcca	aatataaagt	tcagacaagg	ttccagcacc	tcattcttctc	cagcaccagt	480
tgaaaaacca	tattttccta	tctgcatgcg	tttgctgaga	gtagtatctg	ttctgattaa	540
gcagttttac	agtcttttgg	taagtgcata	tttccttatg	tattttgtga	tataggtgca	600
tggtgcgccc	tttgtaaaaa	gtgggtctgtt	gcagcgcatt	tagttctttc	aattcaacc	659

<210> 1757  
 <211> 1129  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (60)...(784)  
 <223> similar to gi4008372 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1757						
cggacgcgtg	ggcggacgcg	tgggatcggt	ttgtggctga	tttcaaagcc	cagggggccac	60
ctaagcccaa	cactgatgaa	gggggtgccc	tgctccccag	ctgcgccgac	ctctttgtct	120
actacaagaa	gtgcatgggtg	caatgctctc	agctcagtac	tggggagccc	atgatcgccc	180
tgaccaccat	tttccagaag	tacctccgag	aatacgccctg	gaaaatcctc	tctggcaacc	240
tgcccaaaac	cacaaccagc	agtggaggac	tgactatcag	cagcctcctc	aaggaaaagg	300
agggtcaga	agtagccaag	ttcactctgg	aggagctctg	cctcatctgt	aacatcctga	360
gcacggcaga	gtactgtctg	gccaccaccc	agcagctaga	agaaaaactc	aaagaaaaag	420
tgatgtaag	tctgattgaa	cgaatcaatc	tgactggaga	gatggacacg	ttcagcaccg	480
tcattctccag	cagtattcag	ctgctgggtc	aggatctgga	tgctgcctgt	gacctgccc	540
tgactgccat	gagcaagatg	cagtggcaga	acgtggagca	cggtgggtgac	cagagcccct	600
acgtcacctc	tgctattctg	cacatcaagc	agaacgtccc	catcatccgt	gacaacctgg	660
cttccacacg	caagtacttc	actcagttct	gcgttaaatt	tgcaaactcc	ttcattccca	720
aattcatcac	ccacctcttc	aagtgcgaagc	caattagcat	ggtgggagca	gaacaggtga	780
gatggacgta	gtatcaggca	tttgccctggc	agcttttggt	gtagatcaag	cacatattct	840
tctagtccag	atctacttgg	caggaataaa	attgatgatg	ttccctgttt	ggggacagta	900
taatgactca	cccgggaagg	ttcttaattc	gttcttccat	ttatttttaa	aaattttggt	960
tgaacgccta	ctaagtctctg	ggtgcagggt	ataacacagc	aagcaccatg	gaaagggtccc	1020
tggtccttag	tgctcacact	ccaataagaa	gaagtggctg	ggcggggcac	agcgggcttc	1080
acgctgtaaa	ccccagcatt	tcgggaggcc	tgggcaggca	gacacctc		1129

<210> 1758  
 <211> 837  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (162)...(531)  
 <223> similar to gi4468812 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1758

cccacgcgtc	cgctggaagc	tttaaggacc	actgggctaa	aaatttgcct	ttcctcatag	60
aagactacga	agagcagcca	gggttgcaac	cccacataaa	agatgtgtta	catcagaatt	120
ttgagagtta	taagcctgaa	gtacaggagc	tgatttgtgt	ggctgatcgt	ttgggatccc	180
tgatgcaata	tgaaacacct	ggtttcctgc	caaacaagag	aatacacaga	gctatgggtt	240
tgccgcgatt	ggaggtcatg	caagccgtgc	agcgtacatg	gaccaactcg	aaagttcgaa	300
tgaatgggaa	gacacggttg	atgcagtgga	gagacatggt	tgacattgca	gttaaattgga	360
gaaggattgc	tgacccagac	cagcccgtgc	tgtgggttaga	tcaaattgcca	gcacgaagtc	420
ttagcagagg	ttttaacaac	cacattaatt	taatcagggg	tcaggtgatc	aacatgagat	480
acctagaata	ttttgagaaa	atacttcatt	ttattaaaga	cagaattctt	gtttatcatg	540
gagctaataa	tcctaaagga	ttgctggaag	ttcggaagc	cctggaaaag	gtacacaaaag	600
tagaagacct	tcttccgatt	atgaaggtaa	ctttagcatc	agaatggcag	tccatgtttt	660
tagaggaaaa	gaaaaccaac	agcacttttt	taaaaagaac	tcagaattat	taaatgctat	720
ttgaaatcac	tcgtatgaac	acattctgaa	taataaccaa	aataaaagaa	cctacaggca	780
tcagactcaa	acagaaaaaa	caacttgtga	ggaagcagtt	aatatagaaa	aaaaaaa	837

<210> 1759  
 <211> 453  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> similar to gi3123572 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1759

attcagctag	ccatgggttat	tgcccgttta	tatgaatctg	aatttgagac	ttcatccact	60
tatatatcca	tcctaaatca	gaagattttg	ggttgccaaa	aggatggctc	aggattcagt	120
tgcaaaagat	tacatcctga	tcctttcctg	cgtagtcttg	cctattgggt	aatgaaagat	180
tacacccgag	ccttggacac	attactggaa	caaacaccaa	aggaggatga	tgaacatcaa	240
gttatcatca	agtcttgtaa	cccgttgga	tttagttttt	ataactacct	tcgaactcat	300
cctttgctca	ttcgaagaaa	tcttgctcc	cctgaaggaa	ctttggcaac	cttaggtctc	360
aaaactgaga	agaactttgt	tgataaaatt	aacctcatag	aaagaaaatt	attctttacc	420
actgcaaagt	ctcattttta	agttggatgc	cct			453

<210> 1760  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (83)...(412)  
 <223> similar to gi4650844 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1760  
 agtgatgcag tcagatagaa ctgccattcg atctgactcc actcacttgg ttacattagg 60  
 aggagttttg aggcagcagc tggatggcag taaagaatta cggatgtatg atgaaagggc 120  
 acaagaatgg agatcttttag cccaatgga tgctccccgt taccagcatg gtattgctgt 180  
 cattggaaac tttctttatg tagttggtgg tcagagtaat tatgatacaa aaggaaaaac 240  
 tgctgttgat acagttttca gatttgatcc tcggtataat aaatggatgc aggttgcatt 300  
 attaaatgaa aagcgcacat tctttcactt gagtgcctc agaggacatt tgtatgcagt 360  
 tgggtgggctg agtgcagctg gtgaactggc cacagtagaa tgttacaacc 410

<210> 1761  
 <211> 840  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (110)...(815)  
 <223> similar to gi2853076 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1761  
 tgagctaaca cctatagcag ttgacactac ctctcaaaga aatgcatctc caaatagtga 60  
 gccctgcagc agtgattctg tatccgagcc agaatgtact actgattctt catccagcaa 120  
 agagcacaca tcatcatctg ctattccagg aggtgtggat attatggtca gtgaagatat 180  
 gaaattaact gactcagagc taggaaagct ggcaaataat atccaggaat tattatatag 240  
 tgcctcagat atatgccatg atcgagctgt caaatttctc atgtcaagag caaaggatgg 300  
 ttttcttgag aagctaaatt ccatggaatt cataacactt tctagattaa tggaaacatt 360  
 catttttagac accgaacaga tctgtggaag aaaaagcacg tcattacttg gagcatttca 420  
 gagccaagct attaatgtttg taaatagggt tcatgaagag agaaaaacca agctcagcct 480  
 cctcttagac aatgagcgtt ggaagcaagc agatgttcct gcagaatttc aggatcttgt 540  
 tgattctctg tcagatggga agattgcttt acctgaaaaa aaatcaggag ccacagaaga 600  
 aaggaaacca gctgaagttc ttattgtcga gggacaacag tatgcagttg ttggaaccgt 660  
 attgctgtta ataagaatta tccttgaata ttgccagtgt gtggataaca tcccatctgt 720  
 tactactgac atgcttactc gtctgtcaga tttattgaag tacttcaatt caagaagttg 780  
 ccagttagtt cttggagctg gtgcactgca agttgttgga ctaaaaacga taactacaaa 840

<210> 1762  
 <211> 892  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(895)  
 <223> similar to gi2522322 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1762  
 atgtggacag cgtgggtggc ggcagcgagt ctcgggtccct ggactcacc accctccagcc 60  
 caggcgctgg cagcaggcag ctggtgaagg ctctcgccac aggcactgag tcctcagatg 120  
 actttgagga gcgagaccct gacctgggag acgggctgga gaatgggctg ggcagcccct 180  
 tcgggaagtg gacactgtcc agcgcggctc agaccacca gctgcggcga ctgcggggcc 240  
 cagccaagtg ccgcgagtgc gaagccttca tggtcagcgg gacggagtgt gaggagtgt 300  
 ttctgacctg ccacaagcgc tgcttgagga ctctcctgat cctctgtgga cacaggcggc 360  
 tcccagcccg gacaccctt tttggggttg acttcctgca gctaccagg gacttcccgg 420  
 aggaggtacc ctttgtgtgc acgaagtgc cggctgagat agaacaccgt gccctggatg 480  
 tgcagggcat ttaccgggtc agcgggtccc gggctcgtgt ggagcggctg tgccaggctt 540  
 tcgagaatgg ccgagcgttg gtggagctgt cggggaactc gcctcatgac gtctcgagt 600  
 tcctcaagcg atttcttcag gagctcaccg agcccgtgat ccccttcac ctctacgacg 660  
 ccttcattct tctggctaag acctgcatg cagacccttg ggacgacctt gggaccccca 720  
 gccccagccc tgaggttatc cgctcgctga agaccctctt ggtacagctg cctgactcta 780  
 actacaacac cctgcggcac ctggtggccc atctgttcag ggtggctgca cgatttatgg 840  
 aaaacaagat gtctgccaac aacctgggca ttgtgttttg gccgacactg ct 892

<210> 1763  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(420)  
 <223> similar to gi5870832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1763  
 gagaacgtgg aggtcttcac cgctgagggc aaaggaaggg gtctgaaggc caccaaggag 60  
 ttctgggctg cagatatcat ctttgctgag cgggcttatt ccgcagtggg ttttgacagc 120  
 cttgttaatt ttgtgtgcca cacctgcttc aagaggcagg agaagctcca tcgctgtggg 180



```

aggggagatg tgaatgatca ggatgcaatc caggagaaat tttaccacc acgtttcatt 420
caagtgccag agaacatgtc gattgatgaa ggaagattct gcagaatgga cttcaaagtg 480
agtggactgc cagctcctga tgtgtcatgg tatctaaatg gaagaacagt tcaatcagat 540
gatttgcaca aaatgatagt gtctgagaag ggtcttca 578

```

```

<210> 1766
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(512)
<223> similar to gi3868778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1766
ctatcccaaa gtgagaagaa caattactat tcaagccggt ttagccctga cagccagtat 60
attgacaaca ggagtgtgaa cagtgcaggg cttcacacgg tgcagagagc accccgactg 120
aaccacccgc ctgagcagat agactctcac tcaagactac ctcatagcgc acaccctcg 180
ggaaaaccac catccgctcc agcctcgga cctcagaatg tatttagtac gactgtaagc 240
agtggttata acacaaaaaa aataggcaag aggcttaata tccagcttaa gaaaggtaca 300
gaagggttgg gattcagcat cacttccaga gatgtaacaa taggtggctc agctccaatc 360
tatgtgaaaa acattctccc ccggggggcg gccattcagg atggccgact taaggcagga 420
gacagactta tagaggtaaa tggagtagat ttagtgggca aatcccaaga ggaagttggt 480
tcgctgttga gaagcaccaa gatggaagga g 511

```

```

<210> 1767
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (507)...(781)
<223> similar to gi2429362 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1767
tttttttttt ttcaccagga gagtctgcag gtttcctttt aatcaaggct ctactgaagg 60
tgttttgtgg ggctaaaagc ccccaaaaca tgaaatggac atgtaacacc acctggatcc 120
cccatagcag gccagaccac tctggcgagc actgctggtc tgcccaaadc tgggtaatca 180
gactgggtat tcattggctg catttcaaag cacagcactg ctttcagcca ggatgaagtg 240

```

ggagtgaacc	cagctgctag	cagagctgcc	actccaggct	gagagccaag	taccagccac	300
tgccagtga	gactggcccc	tttactgaag	ggagttgttc	agagtccagc	caccggccct	360
ggggagggag	agaagtcagg	gtattctgct	cggggatggt	cagggctccg	cagctccatc	420
gccagcatcc	tttggaaaagc	cgcctctggc	ggagacagcc	ggctgggggg	gcgctccagg	480
tttggtgag	acgttcccgc	caccagccgg	ctccggggcg	cggcggccca	gctgccgtaa	540
catctcctcg	caggctgcga	tgggtgccag	gagctgccgc	tgccgctgct	ccaccgcgtc	600
cagcagctgc	tgggcgcgct	cctcccgggg	cggctgtggg	ggtggcctcc	cgccgagccc	660
cagccccgcc	ttcccgcggt	ccacgccggc	agcctccccg	cgtgaccagt	ctgagcccgg	720
gccccattcc	atctccgctt	gcgcggcccc	accaccgccc	ccctttcggc	cgccccctc	780
c						781

<210> 1768

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(629)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(568)

<223> similar to gi55473 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1768

ctcacactgg	ggaaaggccc	tacaaatgta	ataagtgtga	gaaaagttac	cgacaccggt	60
cagccttcat	tgtacataaa	agagttcata	ctggggagaa	gccctataag	tgtggtgcct	120
gtgaaaaatg	ctttggccag	aaatcagacc	ttatcgtgca	ccagagagtc	cacacagggtg	180
agaagccgta	taaatgcctg	gaatgtatga	gaagttttac	tcggagtgcc	aacctaatga	240
ggcaccaggc	aactcacact	cacactttta	aatgccttga	atatgaaaaa	agctttaact	300
gtagctcaga	tcttatttga	catcagagaa	ttcatatgga	agagaaacca	catcagtggg	360
ctgcgtgtga	gagtggcttc	ctcctaggaa	tggactttgt	tgcccaacag	aaaatgagaa	420
ctcaaacaga	ggagctacac	tataaatgca	ctgtatgtga	taaaagcttc	caccagagtt	480
cagcccttct	tcaacatcag	acagtacaca	ttggtgaaaa	accgtttgtc	tgtaatgtga	540
gtgaaaaagg	tcttgagctt	agccctcccc	atgcgtcaga	agcctcacag	atgtcttgac	600
caggcganga	agctgtaata	ccaatatt				628

<210> 1769

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (380)...(818)  
 <223> similar to gil055060 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1769

cagagttact	tgcccagagt	tgcagagcca	gttcctgccc	catcttctgt	ggctcccag	60
tccttggtatg	ggtgatagca	gccgcctgcc	atcttccctg	tctcaggacc	tctcccactc	120
ctatccaggt	gacatcatcc	ggaaaatcat	ccccaaccac	gagctggttg	gggagctggc	180
ggcgctgtac	ttggagagca	tcagccccag	cagtcgcaac	cctgccagcg	tggagcccac	240
catgcccggc	accggggccc	agtgggaccc	ccatggtggg	ggctgccctc	aggatgacgg	300
ccactcaggg	acctttggga	gcgtcctggt	ggggaaccgc	attcagatcc	ccaatgactc	360
tcggcctgag	aacccccggac	cactgggccc	catctcgggg	gtgggtggcg	ggggcctggg	420
cagcgggagc	gacgacaacg	ccctgaagca	ggagctgccg	cggagcgtgc	acgggctgag	480
cggaaactgg	ctggcgctact	ggcagtacga	gatcggcgctg	agccagcagg	atgcccactt	540
tcacttccac	cagatccgcc	tgcagagctt	cccggggccac	tcggggggccg	tcaagtgcgt	600
ggcacccttg	agcagcgagg	acttcttctt	gagcggcagc	aaggatcgta	ccgtgcgcct	660
ctggccgctg	tacaactacg	gcgacgggac	cagcgagacg	gccccacgcc	tcgtctacac	720
ccagcaccgc	aagagcgtct	tcttcgtggg	ccagcttgag	gccccacagc	acgtggtgag	780
ctgtgacggg	gctgtgcacg	tctgggaccc	cttcacaggg	aagaccct		828

<210> 1770

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(484)

<223> similar to gi551933 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1770

ggtcgtgacc	ttgattggga	tgaagagatg	gcaaaagccc	agtcacatga	ctgtgttctt	60
gttcttttcag	aacacccact	gtatattctt	tacacatctg	gcacaacggg	gttacctaag	120
ggtgtgatta	ggcccaactgg	gggatacgct	gtcatgctac	actgggtcaat	gtcttccata	180
tacggacttc	aaccgggaga	ggtgtggtgg	gcagcttctg	acttaggctg	ggttggttga	240
catttctata	tctgctatgg	acctcttctt	catgggaaca	caacagtttt	atatgagggg	300
aagcctgtgg	gaacaccaga	tgctggcgct	tatttccgtg	tgcttgacga	gcatggagta	360
gctgccttgt	ttacagcacc	aactgcaatt	agagcaatcc	gtcaacagga	ccctggggca	420
gctttgggga	agcagtactc	tctgacaagg	ttcaaaacat	tatttgtggc	tgggagaacg	480
atgtgatgta	gagaa					495



<210> 1771  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(410)  
 <223> similar to gi2970644 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1771  
 aagaaacaga aagtaaaaact gaacaaaacta gagatattgt taaaggggat gtcaaaacct 60  
 gtaaatggct ttttgagacc cagccaatgg agtctcttta tgaaaaagtt tcgttaatga 120  
 ccagcagtga agaaattcat aaggagatg tcaaaacttg tacttggtc tttgaaactc 180  
 agccacttga taccataaaa gatgactctg aaacagcagt caaattgcaa actgtaaaac 240  
 aggaggagat ccaaggtggg gatgttcgta cagcatgttt tctttttgag acagaaaatt 300  
 tggacagcat acaaggagaa gaagtgaagg aaatcaagcc tggtgaaatg gatatacaag 360  
 ctggagatgt ttccagcatg aggtataaat ttgaaaatca gtccttagat tctata 416

<210> 1772  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (39)...(822)  
 <223> similar to gi2224721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1772  
 ctagtttgcg gagcgccgc ttaacgccgt cgtcgccgcg tttcgacggc gagctggatc 60  
 tgcagcgata ctccaacggg ccagccgtga gcgcattggt gctcgggatg ggagcgggtga 120  
 gctggtctga gagtctgtga ggcgaacggc gcttcccctg ccctgtatgc gggaaagcgt 180  
 tccgcttcaa ctctatcctt gctttgcacc tgcgcacaca ccagcccag cgcccacgta 240  
 gtccctgctgc acgcctgttg ctggagttgg aagagcgcgc gctactacgc gagggccgac 300  
 tggggagagc ccgaagctca gggggcatgc aggccacccc tgccactgag ggtctggcgc 360  
 ggccccaggc tccttcatcg tccgccttcc gttgccccta ctgcaaaggc aagtttcgca 420  
 cctcggcgga gcgcgaacgc cacctgcaca tcctgcatag gccctggaag tgcggcctgt 480  
 gcagtttgcg ctccagccag gaggaggagc tgctgcacca cagcctgacg gccacgggg 540  
 ctcccagagc tcccctggcg gccacctccg ctgcgcctcc gcctcagcct cagcctcagc 600  
 ctccacccca gcccgaaacc agatcagtc cccagccgga gccggagccc cagcccgaac 660  
 gtgaggcaac cccgacccca gctcctgccg ctcccagga gccccagcg cctccggagt 720  
 tccgctgcca agtggtgcggc cagagcttta cacagtcttg gtttctcaag ggccacatgc 780  
 gtaagcacia ggcctccttc gatcatgcgt gtccggtgt 819



agtccttttag tcggcgtggg cagttcactg aacatcaa

638

<210> 1775  
<211> 406  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (14)...(408)  
<223> similar to gi2970646 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1775  
cccacgcgtc cggcagctgt tggccagctg catagataaa ggagacctga gtggcctgca 60  
cagtctgcgg tgggagcccc cggctgaccc gagtccagtg ccagccagcg agggggccca 120  
gagcctgcac ccaactgaga gcatcatcca tgttccccca ctggacccca gcatggggat 180  
ggggcatctg agagcctcag gggccacccc ttgccctcct caggccattg gaaaggcagt 240  
ccctctggct ggggaagctg cagcaccagc ccaattgcaa aacacagaaa agcaggaaga 300  
cagtcactct ggacagaaaag ggatggcagt cttgggaaag tcagaaggag ccacgactac 360  
ccctccgggg cctggggccc cagacctcct ggccgccatg cagagt 406

<210> 1776  
<211> 394  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (136)...(266)  
<223> similar to gi5912265 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1776  
ggactccatg tcatctctct gcacagcgct gatggctgct actgggagga tcccccttct 60  
gagcttgaca gtgaacgtgt gtctgcattt cttgtcactg agaccctggg gttctatttg 120  
ttctgtctcc ttgcagatga aaccgtcgtg ccaccagatg ttccaagcta cctctcttct 180  
caggggaccc tttctgaccg acaagaaacc gtggtcagga ccgaggggtg ccctcaggcc 240  
aatgggcaca ttgagagcaa tggtaaggcc tcagtaaccg tgaagcagag ctctgctgtg 300  
actgtgtctc tgggtgctgg aggtggcctc caggtcttta cagggcaggt acctggcatt 360  
agatggggca aacttgggtga agcccacgcg tccg 394

# Introduction

```
<210> 1778
<211> 432
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (219)...(333)
<223> similar to gi451842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1056

atgttcgtcc	tctctgtaca	cctcctcctc	ctccccctc	ccctcctcct	cctgttcggt	300
cctcctttcc	ccctctttct	gttctcttcc	cctcagttgn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnattgtca	agccccgaa	ctgaaggtta	cgagcggccc	420
gtcagcagcc	ca					432

<210> 1779  
 <211> 611  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (24)...(614)  
 <223> similar to gi5640017 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1779						
acaattcctt	agtttcacca	cttcaaaaaa	tttattctag	tgtcaaatcc	cacatttttaa	60
ataaatacag	aaatgatttt	gatgattctc	catttctccc	acaagaacaa	aaagcacaaa	120
taagggaaaa	accgtgtgaa	tgtaatgagc	atggcaaagc	ctttagagtg	tcttcaagcc	180
ttgctaacca	tcaagtaatc	cacactgcag	ataaccctta	caaatgtaat	gaatgtgaca	240
aggtcttcag	taacagttca	aaccttgtac	aacatcaaag	aattcatact	ggagagaagc	300
cttacaagtg	tcatgaatgt	ggcaagctct	tcaatcgaat	ttcactcctt	gcacgacatc	360
agagaataca	tactggagag	aaaccttaca	aatgtcatga	gtgtggcaaa	gtcttcactc	420
aaaattctca	ccttgcaaat	catcacagaa	tccacactgg	agagaaacct	tacaaatgta	480
atgagtgtgg	caaggtcttc	aacagaaatg	cacaccttgc	acgacatcag	aaaattcata	540
gtggagagaa	accttacaaa	tgtaaggaat	gtggcaaagc	attttcaggg	ggttcaggcc	600
ttactgtc	t					611

<210> 1780  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(934)  
 <223> similar to gi5262560 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1780						
cagctttgtg	tgtgaagttg	gcctaggtaa	ctcatcttct	aatatgaaca	tcagaggtga	60
cactggacac	aaggcatgtg	aatgtcagga	atatggacca	aagccatgga	agagtcaaca	120

```

acctaaaaaa gccttcagat atcacccctc cttgagaaca caagaaaggg atcacactgg 180
aaagaaaccc tatgcttgta aagaatgtgg aaaaaacatt atttaccatt caagcattca 240
aagacacatg gtagtgcaca gtgggggatgg accttataaa tgtaagtttt gtgggaaagc 300
attccattgt ctgagtttat atcttatcca tgaaagaact cacactggag agaaaccgta 360
tgaatgtaaa caatgtggta aatcttttag ttattctgct acccatcgaa tacatgaaag 420
aactcacatt ggagaaaagc cttatgaatg tcaggaatgt gggaaagcat tccatagtcc 480
cagatcctgt cacagacatg aaaggagtca catgggagag aaggcttatc aatgtaagga 540
atgtggaaaa gcattcatgt gtccccgtta tggtcgtaga catgaaagga cccactctag 600
gaaaaaactt tatgaatgta agcagtgtgg gaaagcatta tcctctctta caagttttca 660
aacacacata agaatgcact ctggagaaag accttatgaa tgtaagacat gtgggaaagg 720
cttttattct gccaaagcat ttcaaagaca tgaaaaaact cacagtggag agaaaccgta 780
taaatgcaag caatgtggta aagccttcac tcgttcgggt tcctttcgat atcatgaaag 840
gactcacact ggagagaaac cctatgagtg taagcaatgt gggaaagcct tcagatctgc 900
cccaaattctt caatcgcatg gtaggactca ca 932

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```

<210> 1781
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(225)
<223> similar to gil621040 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1781
cttgatttca gtgatggaca ggaagccagg cctgaagaaa ttggctgggt aaatggctat 60
aatgaaacca caggggaaag gggggacttt ccgggaactt acgtagaata tattggaagg 120
aaaaaaatct cgcctccac accaaagccc cggccacctc ggcctcttcc tgttgacca 180
ggttcttcga aaactgaagc agatgttgaa caacaagtgc tctacaagta tagaaagaag 240
ccttcctctt cccaccgtcc ccagacacca cataatggaa aaagcaagaa ttttctgcat 300
aagcaaggcc ttaaaaaaaaa aaaagccagc ctctgatggg acttttttcc tgccaaaaat 360
cccactggtc cactgtcgca attttttaca aaggccacga taaaagagta aggcccattt 420
tg 422

```

```

<210> 1782
<211> 610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(613)
<223> similar to gi2330794 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1782
cgcccacgcg tccgcccacg cgtccggaag ggaaaagagtg tgacaacctg ttcaccgtca    60
ttgcccattt atacaacttc cacgtggtac agtctctcct catcttcgac attttgaaaa    120
aactgattgg aactttcacc gaaaaagata ttgaactgat cttgttaatg ctgaaaaaacg    180
tgggtttttc attgaggaaa gatgatgctt tatcacttaa ggaattgatc actgaagccc    240
agaccaaagc cagcggggca ggcagcgagt ttcaggacca gaccaggatt cggtttatgc    300
tagagacgat gttggccctg aagaacaatg acatgcgcaa aattccaggc tatgacccccg    360
agcccgtgga gaagctgagg aaactgcaga gagcttttgt ccgcaacgcc ggctcagggt    420
ctgagacgca gcttcgcgtc tcctgggaca gtgtcttgag tgcggagcag acgggtcgcct    480
ggtggattgt ggggtccgcc tggagtgagg ccccgatgat cgacaacagt caccatacgc    540
acctgcagaa gcagcttggt gggacggtca gttcaaagat cctagaactc gccccggagc    600
agaggatgaa                                     610

```

```

<210> 1783
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(778)
<223> similar to gi3319990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1783
ttggtgtgac cttaccattc accttcctgc agcagtgctg ctttaaggaga tacatatcca    60
gcctcatctt gcatctcttg caacctgccc ttcctcagtg tctgttgaag taagtgcaga    120
tggggtaaat atgctacctt tgtccactcc tgttgtcaca agtggcctca cctacataaa    180
aattcagctt gtaaaagccg aagtagcttc tgctgtctgc cttagactac atcgtccacg    240
ggatgccagc acattaggcc tttcaciaaat taaattattg gggctcactg cttttggtac    300
cacctcttct gcaacagtta ataatccatt ccttccatct gaagatcagg tatccaaaac    360
aagtattgga tggttacggt tattacatca ttgccttact cacataagtg atctagaagg    420
aatgatggca agtgcagctg cacctactgc taatctgctg cagacttgtg cggccttatt    480
gatgtcacct tactgtggaa tgcattcacc caacatcgag gttgtgcttg taaagatagg    540
actgcagtcct actagaattg gcctgaagct catagacatt ctcttgagaa attgtgcagc    600
atcaggcagt gatcctacag atttgaatag tcctttactt tttggaagac taaatggact    660
ctcttctgac tctacgatag atattcttta ccagcttgga acaactcagg atcctggtac    720
aaaagacaga attcaggcct tggttaaatg ggttagtgat tctgcaagag tggctg      776

```

```

<210> 1784
<211> 456
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(457)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (9)...(429)

<223> similar to gi6002488 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1784

cccacgcgtc	cggcttcgtg	gtccagggct	ccaatggcga	gtttcctttc	ctgaccagca	60
gtgagcgctt	cgaggtggtg	agccgtgtgc	gccaggccat	gcccataaac	aggctcctgc	120
tagctggctc	cggatgcgag	tccactcaag	ccacagtggg	gatgaccgtc	agcatggccc	180
aggtcggggc	tgacgcggcc	atggtggtga	ccccttgcta	ctatcgtggc	cgcataagca	240
gtgcggccct	cattcaccac	tacaccaagg	ttgctgatct	ctctccaatc	cctgtggtgc	300
tgtacagtgt	cccagccaac	acagggctgg	acctgcctgt	ggatgcagtg	gtcacgcttt	360
cccagcacc	gaatattgtg	ggcatgaagg	acagcgggtg	tgatgtgacc	aggattgggc	420
tgattgttca	caagacccag	gaagcangat	tttagg			456

<210> 1785

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(435)

<223> similar to gi5869803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1785

caggacggac	ggagcccggc	cactgctaca	ggctgtattc	atctgcggtt	tttggtgact	60
tcgagcagtt	tcctcctcca	gaaatcacc	ggaggcctgt	tgaagactta	atccttcaaa	120
tgaaggcgct	caacgttgaa	aaggctcatc	acttcccctt	cccagcggcc	ccctccgtgg	180
aagcccttct	tgccgcccag	gagctgttga	tcgcactggg	tgccctgcaa	ccgcccaga	240
aagcagaaag	ggtgaagcaa	ctgcaggaga	accggctgag	ctgccccatc	actgcgctgg	300
gccggacaat	ggccacgttc	cccgtggcac	cccgtacgc	taagatgctg	gcactgagcc	360
gacaacacgg	ctgcctgccc	tatgccatca	ccatcgtggc	cagcatgacg	gtgcgggagc	420
tgtttgagga	gctggacaga	ccagcgggtc	agtgcaggag	agctc		465



```
<210> 1786
<211> 567
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(568)
<223> similar to gi506502 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	1786					
ggataggggag	ctttccctaa	tggaacagat	caaggaattg	atcctggaaa	gaaacaccat	60
gaatgtaccg	actgtgggaa	aacctttctc	tggaagacac	agcttactga	gcatacagaga	120
attcacactg	gggagaaacc	ctttgaatgc	aatgtatgtg	gaaaggcctt	caggcatagc	180
tcatctcttg	gtcagcatga	gaatgctcat	accggagaga	aaccctatca	gtgtagtctc	240
tgtgggaaag	ccttccagcg	cagctcctcc	cttgttcaac	accagcgaat	tcacactgga	300
gagaaaccct	atcgatgtaa	tctatgtggg	aggtccttta	ggcatggcac	atccctcact	360
caacacgagg	tcacacacag	tggagagaag	cccttccagt	gtaaggaatg	tgggaaagcc	420
tttagtctg	gttcttccct	tgccaacat	gagaggactc	atactggaga	gaaacctttt	480
gaatgtagca	tatgtggggag	ggcttttggt	cagagcccat	ccctttataa	acatatgagg	540
attcataaga	gaggcaaacc	ttaccat				567

<400>	1787						
gcgcgggggc	atcctggccg	tgtctggacga	ggcctgcagc	tctgtctggca	ccatcactga		60
ccgaatcttc	ctgcagaccc	tggacacgca	ccaccgccat	cacctacact	acaccagccg		120
ccagctctgc	cccacagaca	agaccatgga	gtttggccga	gacttccgga	tcaagcacta		180
tgcaggggac	gtcacgtact	ccgtggaagg	cttcacgcac	aagaacagag	atttcctctt		240
ccaggacttc	aagcggctgc	tgtacaacag	cacggacccc	actctacggg	ccatgtggcc		300
ggacgggcag	caggacatca	cagaggtgac	caagcgcccc	ctgacggctg	gcacactctt		360
caagaactcc	atggtggccc	tggtgagaa	ccttgccctc	aaggagccct	tctacgtccg		420
ctgcatcaac	cccatgagg	acaaggtagc	tgggaagctg	gatgagaacc	actgtcgcca		480
ccaggctcgca	tacctggggc	tgtctggaaa	tgtgagggtc	cgcagggtcg	gcttcgcttc		540
ccgccagccc	tactctcgat	tctctgctcag	gtacaagatg	acctgtgaat	acacatggcc		600
caaccacctg	ctgggctccg	acaaggcagc	cgtgagcgct	ctcctggagc	agcacgggct		660

gcagggggac	gtggcctttg	gccacagcaa	gctgttcac	cgtcacccc	ggacactggt	720
cacactggag	cagagccgag	cccgcctcat	ccccatcatt	gtgctgctat	tgcagaaggc	780
atggcggggc	accttggcga	ggtggcgctg	ccggaggctg	agggctatct	acaccatcat	840
gcgctggttc	cggagacaca	aggtgcgggc	tcacctggct	gagctgcagc	ggcgattcca	900
ggctgcaagg	cagccgccac	tctacgggcg	tgaccttgtg	tggccgctgc	cccctgctgt	960
gctgcagccc	ttccaggaca	cctgccacgc	actcttctgc	aggtggcggg	cccggcagct	1020
ggtgaagaac	atccccctt	cagacatgcc	ccagatcaag	gccaagggtg	ccgccatggg	1080
ggccctgcaa	gggcttcgtc	aggactgggg	ctgccgacgg	gcctgggccc	gagactacct	1140
gtcctctgcc	actgacaatc	ccacagcatc	aagcctgttt	gctcagcgac	taaagacact	1200
tcgggacaaa	gatggcttcg	gggctgtgct	cttttcaagc	catgtccgca	aggttagaca	1260
agggacaagg	atggcttcag	ggctgtgctc	tttttctagc	cacgtctgca	aggttagaag	1320
ctggtgcaga	gttttggggg	ggcacttggg	agaaaatgga	ggcaacccca	gcccaggccc	1380
agctgctcct	gacactccca	aaactgtcgc	cagcggggag	gggaggcagt	agggactgcc	1440
gaagcctggg	gcccctgggt	gtgacagggc	agcaccagcc	tgggtccagc	cacctctccc	1500
acaggtgaac	cgtttccaca	agatcaggaa	ccgggccttc	ctgctcacag	accagtcgag	1560
c						1561

<210> 1788  
 <211> 2634  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1150)...(2530)  
 <223> similar to gi5824570 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1788						
actcacggtt	tgaagatggt	ctcaactatg	ttgatagaag	cagcaaaagg	tggccataca	60
agtgttgttt	gctatctctt	ggattatcct	aataacttgc	tttcagcccc	tccaccagat	120
gtcactcagt	taactcccc	atcccacgat	ttaaataggg	ctcctcgtgt	accagttcaa	180
gcactgcca	tggttgttcc	acctcaggag	cctgacaaac	cacctgcca	tgttgccacc	240
actcttccca	tcaggaataa	agctgcttct	aaacaaaagt	ccagcagcca	tttgccagca	300
aacagccagg	atgtacaggg	ttacatcacc	aatcagtctc	cagagagcat	tgtagaagag	360
gctcagggaa	agttaacaga	actggaacag	aggataaaaag	aagccataga	aaagaatgca	420
cagctgcagt	ccttggaact	ggctcatgct	gaccaactta	ccaaggagaa	gatcgaggag	480
ctcaacaaaa	caagggagga	acaaattcag	aagaaacaaa	agattttgga	ggaactacag	540
aaagtagaac	gagagttaca	actgaaaact	cagcagcagc	taaaaaagca	gtatctagag	600
gttaaagctc	aaagaattca	acttcagcaa	cagcagcaac	agtcttgcca	acacctggga	660
ttactaactc	ctgttggagt	tggagagcag	ctttctgagg	gagactatgc	acggttacag	720
caagtggatc	ctgttttact	taaagatgaa	cccagcaga	ctgctgctca	gatgggtttt	780
gcgccaatcc	agcctctggc	gatgcctcaa	gctttgcctc	tggcggcagg	tcccttgcc	840
ccagggtcca	tcgcaaactc	tacagaactg	caaggagtga	tagttggaca	gccagtactg	900
ggccaagcac	agttggcagg	gctggggcaa	ggaattctga	cagaaacaca	acaagggtta	960
atggtagcca	gccctgctca	gacctcaat	gacacgctgg	atgacatcat	ggcagtcagt	1020
ggaagagcat	ctgcaatgtc	aaacactcct	acccacagta	ttgctgcac	catttcccaa	1080
cctcagactc	caactccaag	tcctatcatc	tctccttcag	ccatgcttcc	tatctaccct	1140
gccattgata	ttgatgcaca	gactgagagt	aatcatgaca	cggcgctaac	acttgccctgt	1200
gctggtggcc	acgaggaact	ggtacaaaaca	ctgctagaga	gaggagctag	tatagagcac	1260

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cgagacaaga aaggtttttac tccactcatc ttggctgccca cagctgggtca tgttgggtgtt 1320
gtggaaatat tgctggacaa tgggtgcagac attgaagccc agtctgaaag aaccaaggac 1380
acaccactct ccttggcttg ttctggggga agacaggagg tgggtggagct attgttagct 1440
cgaggggcaa ataaagagca caggaatgtt tctgattaca cacctctaag tctggctgct 1500
tctgggtggct atgtgaacat catcaaaata ttactaaatg caggagctga gattaactct 1560
agaactggta gcaaattggg catctctcct ctgatgttag cagctatgaa tgggcataca 1620
gctgctgtta agctcctgtt agacatgggc tctgacataa atgctcagat agaaaccaat 1680
cggaacactg cccttacttt agcctgcttc caaggaagaa ctgaaagtgt tagtcttctg 1740
cttgatagaa aagcaaatgt tgaacacaga gctaagactg gtctcacacc actaatggaa 1800
gctgcctctg gtggatatgc ggaggtgggc cgagttcttt tggataaagg tgctgatgtt 1860
aatgcccctc cagttccctc ctcaagagat acagctttta ccatagcagc agataaaggg 1920
cattacaaat tctgtgagct tcttattggc aggggagctc atattgatgt acgtaacaag 1980
aaggggaaca ctccattgtg gctagcagca aatggtggac acctcgatgt ggttcagtta 2040
ctgggtgcaag caggtgcaga tgtggatgca gcagataacc gcaagataac tcctcttatg 2100
gcagcattta gaaaggggtca tgtgaagggtg gtgcgctact tagtcaaaga agtcaatcag 2160
tttccatcag attctgaatg tatgagatac atagcaacca tcaactgataa ggagatgctg 2220
aagaagtgtc atctttgtat ggagtcaata gtacaagcca aagatagaca ggctgctgaa 2280
gcaaacaaaa acgccagcat tttgttagag gagttagact tggaaaagt t aagggaagaa 2340
agtcggaggc tggctttggc tgcgaaaaga gaaaaaagaa aagagaagag aaggaagaaa 2400
aaggaagacc aaagaaggaa actagaagaa attgaagcca aaaataaaga gaactttgaa 2460
ctccaagctg ctcaagaaaa agaaaagctt aaagttgaag atgagcctga agtcttgaca 2520
gaacctccaa gtgccacaac cactactacc ataggtatat ctgcaacctg gacaactttg 2580
gcaggttctc atggtaaaaag aaataatacc ataactacaa ccagttcaaa gagg 2634

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<210> 1789

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(853)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (46)...(634)

<223> similar to gi2702361 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1789

```

cccacgcgtc cgctgatgct gaaagagagc aattttgctg acagttatta tgactacatt 60
tgtattattg actttgaagc cacttgtgaa gaaggaaacc caccggagtt tgtacatgaa 120
ataattgaat ttccggttgt tttactgaat acgcatactt tagaaataga agacacgttt 180
cagcagtatg taagaccaga gattaacaca cagctgtctg atttctgcat cagtctaact 240
ggaattactc aggatcaggt agacagagct gataccttcc ctcagggtact aaaaaaagta 300
attgactgga tgaaattgaa ggaattagga acaaagtata aatactcact tttaacagat 360
ggttcttggg atatgagtaa gttcttgaac attcagtgct aactcagcag gctcaaatac 420
cctccttttg cgaaaaagtg gatcaatatt cggaagtcac atggaaattt ttacaagggt 480
cctagaagcc aaaccaaact gacaataatg cttgaaaaat taggaatgga ttatgatggg 540

```

```

cggcctcact gtggtccttga tgactctaag aatatcgccc gaatagcagt tcgaatgctt 600
caggatgggt gtgaactccg aatcaacgag aaaatgcatg caggacagct aatgagtgtg 660
tcctcttcct taccaataga gggcactcca ccaccacaaa tgccacattt tagaaagtaa 720
caacagtttt gtgtgtggat cattccaatt gaagttgcta tgaagaggta gcagatgaat 780
ctcattgaat tagtcctgta gtgcaaactt taagcacctt anaacattta aaatcttatt 840
acaggtgata ga 852

```

```

<210> 1790
<211> 1335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(1334)
<223> similar to gi3868778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1790
cccgggtcga cccacgcgtc cggtagcct tctggtcttt cgccaggaag acgccttcca 60
cccaatggaa ctgaatgcag agccaagcca gatgcagatt ccaaaagaaa cgaaagcaga 120
agatgaggat attgttctta cacctgatgg caccaggga tttctgacat ttgaagtccc 180
acttaatgat tcaggatctg caggccttgg tgtcagtgtc aaaggtaacc ggtcaaaaga 240
gaaccacgca gatttgggaa tctttgtcaa gtccattatt aatggaggag cagcatctaa 300
agatggaagg cttcgggtga atgatcaact gatagcagta aatggagaat ccctgttggg 360
caagacaaac caagatgcc a tggaaaccct aagaaggctc atgtctactg aaggcaataa 420
acgaggaatg atccagctta ttgttgcaag gagaataaagc aagtgcgaatg agctgaagtc 480
acctgggagc cccctggac ctgagctgcc cattgaaaca gcgttggtatg atagagaacg 540
aagaatttcc cattccctct acagtgggat tgaggggctt gatgaatcgc ccagcagaaa 600
tgctgccctc agtaggataa tgggtaaata ccagctgtcc cctacagtga atatgccccca 660
agatgacact gtcattatag aagatgacag gttgccagtg cttcctccac atctctctga 720
ccagtcctct tccagctccc atgatgatgt ggggtttgtg acggcagatg ctggtacttg 780
ggccaaggct gcaatcagtg attcagccga ctgctctttg agtccagatg ttgatccagt 840
tcttgctttt caacgagaag gatttggacg tcagagtatg tcagaaaaac gcacaaagca 900
atthtcagat gccagtcaat tggatttcgt taaaacacga aaatcaaaaa gcatggattt 960
aggttctccc agcagagatg tgggtccttc cctgggtctg aagaagtcaa gctcgttgga 1020
gagtctgcag accgcagttg ccgaggtgac tttgaatggg gatattcctt tccatcgtcc 1080
acggccgcgg ataatacagag gcaggggatg caatgagagc ttcagagctg ccatcgacaa 1140
atcttatgat aaaccgcgg tagatgatga tgatgaaggc atggagacct tggagaaga 1200
cacagaagaa agttcaagat caggagagaga gtctgtatcc acagccagtg atcagccttc 1260
ccactctctg gagagacaaa tgaatggaaa ccaagagaaa ggtgataaga ctgatagaaa 1320
aaaggataaa actgg 1335

```

```

<210> 1791
<211> 383
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (257)...(385)

<223> similar to gi2529737 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1791

aaccaagaga	gcttggaatt	tggtaaactc	aagataaagt	cagactggat	ctgcaggggg	60
cataaagtgg	tacctcctct	ctgttttaaat	tgtttaattt	acttaaacta	tagtttttgc	120
ccaagaacga	agtcaggcaa	gtagtagaac	cacactgtac	ctcagttctc	aacatttggc	180
tctgagttgt	ttatttagta	atatgtttta	acacaaactc	tatcagtttt	tagaaatttg	240
tttaacattg	tcttttacta	atttagtata	tgaaaatgat	gatcagctcc	tgtgggaccc	300
tgagtactta	ccagaagata	aagtgattat	atttctttaa	gatgcatcta	gaagaacagg	360
tgatgagaag	ggtgtagaag	caa				383

<210> 1792

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(186)

<223> similar to gi28913 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1792

ctataccatc	agaagccaag	atgagactga	aagccaccct	aactcaccaa	gtctcctcaa	60
tcaatggtgg	ttgtggaatg	gtggtgggta	ctgccagcac	catggtgaca	gcccgccag	120
agcagagcca	gattctcatc	cagcaccctg	atgccccatc	ccctgccag	ccacaggtca	180
gtggctctta	ctctttatgt	catatcttta	tgacgtatct	ttatgtcata	tctattgttc	240
aaggagcaga	aaattagaga	agaatggact	tcagctttct	gggtttcttc	ctgcttactt	300
tggttcttga	tggcagtttg	actatagcaa	aacgtaccat	tctttttatt	atttattcat	360
ttttatttta	gc					372

<210> 1793

<211> 703

<212> DNA

<213> Homo sapiens

<220>

001210"012100

<221> misc\_feature  
 <222> (218)...(693)  
 <223> similar to gil938462 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1793  
 tgaagtacca actattactt gcaattctta atgatgaact atatcattct aaattggatg 60  
 attgcctctg agttggaagt cctccatttc tctttccaca tgagtagtag cattcacatt 120  
 tgctgttact ttatcacttg cttcaacaaa agaacaagtt aatttatttt atgtttctta 180  
 atgctgctgt aatgttttta attgtttttc ttgttcatta cagacctggg cattacattc 240  
 tctatcattg atcattgatt ctgctggccc actctattat gtgcatgtgg aacctaccct 300  
 ttctcttatt ataatagttg tggtaaagt gcctcctact catgctgaag ttcaccaaag 360  
 ccttggtcgc tgtttgaatg cccttattac cacgttaggt ccagagctac aaggtaacag 420  
 tacttcaatt tctaccttaa ggacttcctg tctactgggt tgtgcagtaa tgcaagataa 480  
 cccagactgc cttgttcaag ctcaggccat ctcttgccct cagcagcttc atatgtttgc 540  
 tccacgacat gtcaacttgt ctagcctggg tagctgcctc tgtgtgaatc tttgtagccc 600  
 ctacttgtaa ctgagaagag cagtactggc ttgcttacgt cagcttgtag aaagagaagc 660  
 agctgaagtt tcagaacatg ctgttatgct tgctaaggat agc 703

<210> 1794  
 <211> 214  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(191)  
 <223> similar to gi553477 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1794  
 cttctcttcc tcctgtact ctggctccca gatatcacccg gagaaattgt gttgacgcag 60  
 tctccaggca ccctgtcttt gtccccaggg gagagagcca ccctctcctg cagggccagt 120  
 cagagtgtta gccgcaacct agcctggtat cagcagaaac ctggccaggc tcccaggctc 180  
 ctcactctctg atacattcag cgtcgacgcg gccg 214

<210> 1795  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (52)...(354)  
 <223> similar to gi3757892 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1795  
 tagagacaca aattacattg tcataagtaa aaactatagt ggatggaaat aaacacaaat 60  
 gatccttatg tggcttttag aaggcgtact gaaaaaatgc agactcgaaa aaatcgcaaa 120  
 aatgatgaag cctcttacga aaaaatgctt aagctgcgac gagatctaag tcgagctggt 180  
 actattctag agatgataaa aagaagagaa aaaagtaaaa gagagctatt gcacttaaca 240  
 ctggaaatta tggaaaagag gtataatttg ggcgactaca atggagagat catgtctgag 300  
 gttatagcac agagacagcc aatgaaacct acttatgcc tccccatcat ccg 353

<210> 1796  
 <211> 1042  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (40)...(797)  
 <223> similar to gi3876299 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1796  
 cggacgcgtg gggatcatgga gctggcactg cggcgctctc ccgtcccgcg gtgggttgcgtg 60  
 ctgctgccgc tgctgctggg cctgaacgca ggagctgtca ttgactggcc cacagaggag 120  
 ggcaaggaag tatgggatta tgtgacgggc cgcaaggatg cctacatgtt ctgggtggctc 180  
 tattatgcca ccaactcctg caagaacttc tcagaactgc ccctgggtcat gtggcttcag 240  
 ggcgggtccag ggcgttctag cactggattt ggaaactttg aggaaattgg gccccttgac 300  
 agtgatctca aaccacggaa aaccacctgg ctccaggctg ccagtctcct atttgtggat 360  
 aatcccgtgg gcaactgggtt cagttatgtg aatggtagtg gtgcctatgc caaggacctg 420  
 gctatggtgg cttcagacat gatgggtctc ctgaagacct tcttcagttg ccacaaagaa 480  
 ttccagacag ttccattcta cattttctca gagtccatag gaggaaaaat ggcagctggc 540  
 attggtctag agctttataa ggccattcag cgagggacca tcaagtgcaa ctttgccggg 600  
 gttgccttgg gtgattcctg gatctcccct gttgattcgg tgctctcctg gggaccttac 660  
 ctgtacagca tgtctcttct cgaagacaaa ggtctggcag aggtgtctaa ggttgacagag 720  
 caagtactga atgccgtaaa taaggggctc tacagagagg ccacagagct gtgggggaaa 780  
 gcagaaatga tcattgaaca ggtaaaaagg ggaaacactc agaggcgagc ctgcttggct 840  
 ttttctggtg ggtacagggc ccatgggttg tgttgtaaaa cttggagtct acactgaggc 900  
 tccccacata tctgcaaatg attgcatgct ggataataaa tctcttgggt ctaagcagtg 960  
 atgtagtggc tccttacaga gtcagaaagc caccagggcc tgcaagactt gcttgtcctt 1020  
 cactaaatgt aaaaattcta tt 1042

**06-07-2019**

[illegible][illegible]

**06-07-2019**

[illegible]

**06-07-2019**



```

acatggaaca gttttcttgg aatccagatc atctctgggt gttgtttcca gatgtctgta 360
tggttaattgc atcagaaatt gccgtggata ttgtaaaaca tgcctttatt actaaattca 420
atgacattac tgcagatgtc tacagtgaat atagagccag tcttgctttt gaccttgta 480
gcagccgaca gaaaaatgca tacactgatt acagtgactc tgtagcacgg aggatgggct 540
ttattcctct cccactagct gttttactca tcagagttgt aacaagctca attaaagtgc 600
aagggaatcc tgtcttatgc ctgtgtcata ctcttctatt ttgggggttga tatccctgga 660
aagtacttaa taggcatcgt gctgttgggg ggaaatcgtg ccagtatgtg gaagggaagc 720
caaaatggga aggaggaagg ctgttcgaat tcctnccgc aacctggcac tccagggcaa 780
gcccttcng ttaantcaca gnacaaatgt taaaccctt caagggcntt tccacaggag 840
ggaaaccgtt ttgcct 856

```

```

<210> 1799
<211> 626
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(321)
<223> similar to gil016712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1799
cccacgcgtc cgcgactcgg gaatcttcgg ccgaggctcg gcaatcccc catcctccgt 60
caccaggagg tgcgggaatc cgccgtttgc gctgaggcaa tggcggcagc tgcgcgggtg 120
gccgcggacg acgatgagcg gcggcgggcg ccgggggctg actocatcag cagctatgaa 180
gccagatca ccgccctgaa gcaggagcga cagcagcagc agcaggactg tgaggagaag 240
gagcgggagc tgggcccct gaagcagctg ctgtcccggg cctacccctt ggactccctg 300
gagaagcaga tggaaaaggt tgggattggg atggcttccc tgcctccctg ggatttgaa 360
gaatgttgag gactgtggat gtccattcc ctggtcatgg ggtgcggggc acccagcagt 420
gattctagga atagcacaga gttaccagggt gttgttgaga gcttggtctt gtgctccgta 480
gggtcctggc ttgccctta ttagtggtg accaagttcg cttagctcca aaattaactt 540
aagttatgta gaggggaagg aacttacact taagggtaac aaaaaaatt cttactgtta 600
ttaaatattg acttctggtg tacatt 626

```

```

<210> 1800
<211> 679
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(112)
<223> similar to gi34276 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1800
atactactat ttgttttaaaa tggaaaaaata ttgaaacctt tacttgtgat acacagaata      60
ttacctacag atttcagtggt ggtaagaata taacattgac cagagaatatt ttttttgtgg      120
cacaatgttg ttctagatat tatttaaatct tactctctgc cctttctctc ttcctccctg      180
cctctcttgt tctccctctg tttggctttt ttctttcttg tctttttctt gggctgtggg      240
atatttagag tcaaataaatt aaattaccta tacaattcaa acaaattcac aaaataaatg      300
aatacttttc atgaaaaata aatatctaaa aattgaaagt caattaattt acaataattt      360
tcttggaat tggtatacac aggcattggt gaagagatca tgaaagaagg gtgttataag      420
gaaatgataa tacacaaact ctgttatgaa gtaaggaaaa aaaatacagg attgtatggt      480
tcaagagttt actttttcca tcctgcatca acaaaattca tacacaagtt caagaacact      540
taaataagaa gaaagcagaa aaagaacagc aagtgcattc agggatatgt ttggatttga      600
attgaggcaa ctaataattg agatgatagt atttttaaag tgtatttgaa tttaatgagg      660
tgaactctcc caccctttg                                     679

```

```

<210> 1801
<211> 1225
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(1221)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1801
cccacgcgtc cgtggcaaaag cttttaagtg gtcctcaaag cttactgaac ataagataac      60
tcatactgga gagaaaccct acaaattgtga agaattgtggc aaagctttta accatttctc      120
aatccttacc aaacataaga ggattcatac tggagagaaa ccctacaagt gtgaagaatg      180
tggcaaaagct tttacccaat cctcaaaccct tactacacat aagaaaattc atactggaga      240
gaaattctac aaatgtgaag aatgtggcaa agcttttacc caatcttcaa accttactac      300
acataaaaaa attcatactg gaggaaaacc ctacaaatgt gaagaatgtg gcaaagcctt      360
taagtactcc tctaccctta ctaaacataa gagaattcat actggagaga aaccctacaa      420
atgtgaagaa tgtggcaaaag ctttcaagcg gtcttcagac cttactacgc ataagataat      480
tcatactgga gagaaaccct acaaattgtga agaattgtggc aaagctttta agtactcctc      540
taaccttact acacacaaga aaattcatac tggagagaga ccctacaaat gtgaagaatg      600
tggcaaaagcc ttcaaccagt cctcaatcct tactacacat aagagaattc atactggaga      660
gaaattctac aaatgtgaag aatgtggcaa agccttttagg cagtccctcac accttactac      720
acataagata attcatactg gagagaaacc ctacaaatgt gaagaatgtg gcaaagcttt      780
taacaagtcc tcacacctta ctagacataa gagcattcat actggagaaa aaccctacca      840
gtgtgaaaaa tgtggcaaaag ctttctaacca atcctcaaac cttactgaac ataagaatat      900
tcatactgaa gagaaaccat acaaattgtga agaattgtggg aaagccttta accagttctc      960
aaaccttact acacataaaa gaattcatac tggagagaaa ccctacaaat gtgaagaatg      1020
tggcaaaagct ttttaaccagt cctcaatcct tactacacat aagagaattc atactggaga      1080
gaaatcctac aaatgtgaag aatgtggcaa agctttctat cgatcctcaa aacttactga      1140
acataagaaa attcatactg gagagaaacc ctacacatgt gaagaatgtg gcaaagcctt      1200
taaccattcc tcacaccttg ctaca                                     1225

```

<210> 1802  
 <211> 1236  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (367)...(1237)  
 <223> similar to gi2981221 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1802  
 ctgattgaca tctttgccat tctaaatggt tatcaggagg gtgacccgag acagagaacg 60  
 ctgctggatc ctgggagggt cagcatggtg tctagtccag ctcccatgga ggggtggggaa 120  
 caagaacaag aacttctagg tcctaaacta caagaggacc aagaagagga agtagttgaa 180  
 aatgatgagg agatagcctt ttcaggcaag gacaagccag cttcagagaa tagtgaggag 240  
 aagctgatca gtaagtttga caagcttcca gtaaagatcg tacagaagaa tgatccattt 300  
 gtggtggact gctcagataa gcttgggctg gtgcaggagt ttgacagtgg cctgctgcac 360  
 tggcggattg gtggggggga caccactgag catatccaga cccacttcga gagcaagaca 420  
 gagctgctgc cttcccggcc tcacgcaccc tgcccaccag cccctcggaa gcatgtgaca 480  
 acagcagagg gtacaccagg gacaacagac caggaggggc cccacactga tggacctcca 540  
 gaaaaacgga tcacagccac tatggatgac atgttgtcta ctcggtctag caccttgacc 600  
 gaggatggag ctaagagttc agaggccatc aaggagagca gcaagtttcc atttggcatt 660  
 agcccagcac agagccaccg gaacatcaag atcctagagg acgaaccca cagtaaggat 720  
 gagacccac tgtgtaccct tctggactgg caggattctc ttgccaagcg ctgcgtctgt 780  
 gtgtccaata ccattcgaag cctgtcattt gtgccaggca atgactttga gatgtccaaa 840  
 caccagggc tgctgctcat cctgggcaag ctgacctgc tgcaccaca gcacccagaa 900  
 cggaagcagg caccactaac ttatgaaaag gaggaggaac aggaccaagg ggtgagctgc 960  
 aacaaagtgg agtgggtggt ggactgcttg gagatgctcc gggaaaacac cttggttaca 1020  
 ctgcgaaca tctcggggca gttggacctt tctccatacc ccgagagcat ttgcctgcct 1080  
 gtccctggac gactcctaca ctgggcagtt tgcccttcag ctgaagccca ggaccccttt 1140  
 tccaccctgg gcccgaatgc cgtcctttcc ccgcagagac tgggtcttga aaccctcagc 1200  
 aaactcagca tccaggacaa caatgtggac ctgatt 1236

<210> 1803  
 <211> 144  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (42)...(9)  
 <223> similar to gi2047349 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters





ggatcctgaa	ctccaaccct	gtcatggaag	cttttgggaa	tgcgtgtaca	ctgaggaata	420
acaacagcag	tcgctttggg	aagttcatcc	agctccagct	gaacagggct	cagcaaatga	480
ctggagccgc	agtcagacc	tacctcctag	agaaaactcg	agtggcctgc	caggcttcca	540
gtgagaggaa	caaggaccct	atcccacctg	agctgaccag	gctcctgcag	caatcccagg	600

<210> 1807

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(365)

<223> similar to gi498725 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1807

aaatcgcaac	ttatgtgcca	acaaatgtat	atgggcgaaa	aaccctttgg	atgcagctgt	60
tgtgagaaaag	ccttcagcaa	caagtcatac	cttctagtgc	atcagcaaac	tcatgccgaa	120
gagaaaccct	atggttgtaa	tgaatgtggg	aaagacttca	gtagtaaatac	atacctcatt	180
gtacatcaga	gaattcatac	aggagagaaa	ctacatgaat	gcagtgaatg	caggaaaaca	240
ttcagtttcc	attcacagct	tggtatacat	cagagaattc	acacaggtga	gaatccctat	300
gagtgcctgtg	aatgtgggaa	agtcttcagt	aagaaagacc	agcttggttc	acaccagaaa	360
actt						364

<210> 1808

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(579)

<223> similar to gi3413886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1808

ggcacgagga	tgagaaagac	aagggggccc	tagacaacct	gctctcccag	cttattgctg	60
agttgggtat	ggataaaaag	gatgtctcca	agaagaatga	gcgcagcgcc	ctgaatgaag	120
tccatctggt	agtaatgaga	ctcctgagtg	tcttcatgtc	ccgcaccaaa	tctggatcca	180
agtcttccat	atgtgagtca	tcttcctcca	tctccagtgc	cacagcagca	gctctactga	240
gctctggggc	tgtggactac	tgctgcacg	tgctcaaatac	actgctggaa	tattggaaga	300
gccaacagaa	tgacgaggag	cctgtggcta	ccagccagtt	gctgaaacca	catactacct	360

cctccccacc	tgacatgagc	ccattctttc	tccgccagta	tgtgaagggt	catgctgctg	420
atgtgtctga	ggcctatact	cagcttctaa	cagaaatggg	actgaggctt	ccttaccaaa	480
tcaaaaagat	tactgacacc	aattctcgaa	tcccacctcc	tgtctttgac	caatcaaagt	540
tttactttct	ctccgagtac	ctcatgatcc	agcacgaaa			579

<210> 1809  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (677)...(1329)  
 <223> similar to gi3327154 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

001210 "E23450

<400> 1809						
tgatagacat	ggtgagaccc	tttgtattca	ttttcttgga	cccagcactg	gcagtacagc	60
aaagacgggg	ggccgtaact	ggctgaagac	tggcaactgc	ctctatggaa	acacatgtag	120
attcgtacat	ggcccttcac	ctcgtggtaa	aggttatagc	agcaattata	gaaggtcacc	180
agaaagacct	acaggggatc	ttagagaaag	aattaagaac	aagcgccaag	acgtggacac	240
tgagccccag	aaacgaaata	cagaggagtc	atcctcacct	gttaggaaag	aatcttcaag	300
agggagacat	agggaaaagg	aagacataaa	aatcactaag	gaaagaactc	cagaaagtga	360
agaagaaaat	gtagaatggg	aaactaatag	agatgattct	gacaatggag	atattaatta	420
tgattatggt	catgaattgt	cattggaaat	gaagcgtcag	aagatacaga	gggaattaat	480
gaagctggaa	caagaaaaca	tggagaagag	agaagaaatt	atcattaaaa	aggaggtttc	540
accagaagtg	gttagatcaa	aattgtcccc	gtcaccttct	ctaagaaagt	ctagcaaatac	600
tccgaagcga	aatcaagcc	cgaagtcgtc	ttcagctagc	aagaaagata	ggaagacatc	660
tgcagtatct	tctcccctgt	tggaccagca	gagaaattca	aaaaccaacc	aaagtaaaaa	720
gaaaggacca	cgtactccta	gtccaccccc	tcctatacca	gaagatatcg	ctctggggaa	780
aaaatacaaa	gaaaaatata	aagtaaaaga	caggatagaa	gaaaaaaca	gagatggaaa	840
ggacagagga	cgagattttg	aacgacaaag	agaaaagaga	gacaagccaa	ggtctacttc	900
cccagcagga	cagcatcatt	ctcctatata	ttctagacat	cactcatctt	cctcacaatac	960
aggatcatct	attcaaagac	attctccttc	tcctcgtcga	aaaagaactc	cttcaccatc	1020
ttatcagcgg	acactaactc	cacctttacg	acgctctgcc	tctccttatac	cttcacattc	1080
tttgtcgtct	ccccagagaa	agcagagtc	tccaagacat	cgctctccaa	tgcgagagaa	1140
agggagacat	gatcatgaac	gaacttcaca	gtctcatgat	cgacgccacg	aaaggaggga	1200
agatactagg	ggcaaacgag	acagagaaaa	ggactcaaga	gaagaacgag	aatatgaaca	1260
ggatcagagc	tcttctagag	accacagaga	tgacagagaa	cctcgagatg	gtcgggatcg	1320
gagagaa						1327

<210> 1810  
 <211> 1632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (404)...(1379)  
 <223> similar to gi3417386 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1810

acagaaaacc	ctgaaaaaacc	tatgacatga	tcaccagttt	cactggactg	actattagga	60
atttgggcct	ggaagacaac	aattcagttc	gagattctgg	tacacaagcg	tgtgagcgtc	120
ccccaaggct	agtgtgggca	tggcccctga	ggtgagcacg	gactcattcc	ctgtggtgag	180
cgtggacgtg	tcgcctgtgg	tgagcacata	tgattctgag	atgagcatgg	acgcatcccc	240
cgagttgagc	atagaagcac	ccccgaaggt	ggacctggaa	acagttccca	aggtgagcat	300
agtagcatcc	ccggaggcga	gcctggaagc	acccccggaa	gtgagtctgg	aagcactgcc	360
agaggtgagc	gtggaagcag	ccccagaggg	gagcctggaa	gcacctccca	aggggagcgc	420
agaagtagcc	cccaaggaga	gtgtgaaagg	gtcacccaag	gagagcatgg	aggcatctcc	480
tgaggcgatg	gtgaaagcat	cccccaagac	atcccttgaa	gcaagcatgg	aagcatctcc	540
caaggcaaaa	gcgagagacg	ctccaaagaa	atcagaaatg	gacaaacagg	ccttaatccc	600
tattgccaaag	aagcgtctat	catcatcacac	tgagtgttat	aaatgggtcat	catctcctgc	660
aaatgcttgt	ggtctgccgt	ctcccatcag	cactaacagg	caaatccaaa	agaactgccc	720
tccatcacca	ttaccactta	tttcaaaaaca	gtcaccacag	acttcttttc	cttataaaat	780
aatgcctatt	caacacacccc	tgtctgtgca	aagtgcacat	agtactgtca	aaaagaaaaa	840
agaaacagtt	tctaaaacca	ctaacagatg	tgaggctttg	agccaaaggc	atatgatcta	900
tgaagagtct	ggtaataaga	gtactgcagg	tattatgaat	gccgaggcgg	caacaaaaat	960
tttgacagaa	ttgcgccgcc	ttgctcgtga	acaaagagat	aaagaggaag	aagaaagaca	1020
acgggaagaa	atgcagcaaa	gggtcattaa	gaaatcaaaa	gacatggcaa	aggaagcagt	1080
tggaggccaa	gcagaagacc	acttgaaact	caaagatggg	cagcaacaaa	atgagactaa	1140
aaagaagaaa	ggatggctgg	atcaggaaga	ccaggaagca	ccactgcaga	aaggggacgc	1200
caaaataaaa	gctcaagagg	aagctgacaa	acgcaagaaa	gaacacgaga	gaattatggt	1260
acaaaattta	caagaacggt	tagaaaggaa	aaagagaata	gaagaaatta	tgaagcggac	1320
aagaaagaca	gatgtgaatg	cctcaaagggt	cacagaaaca	tccagccatg	acatatatga	1380
agaggctgag	gctgacaacg	aagaaagcga	caaggactca	ttgaatgaaa	tgtttccatc	1440
agccattcta	aatggcacag	gtcacctac	caaattttaa	atgccgttca	acaatgccaa	1500
gaaaatgaca	cacaagctgg	tattttctaga	agatggtacc	agccagggtcc	gtaaagagcc	1560
aaaaacatat	tttaatggcg	atttgaaaaa	cttcagacaa	aaaagcatga	aagacacttc	1620
aatacaggaa	gt					1632

<210> 1811  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(472)  
 <223> similar to gi798832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 1811
ccgtcacatc ccccgccagc ttgtagatgc ctggattgag atgggcagcc ggctggatgc      60
tcgtcagctc attcctgccc tggatgaacta cagccagggt ggtgagggtcc agcagggtgag    120
ccaggccatc cgctacatgg agttctgcgt gaacgtgctg ggggagactg agcaggccat      180
ccacaactac ctgctgtcac tgtatgcccg tggccggccg gactcactac tggcctatct      240
ggagcaggct ggggccagcc cccaccgggt gcattacgac ctcaagtatg cgctgcggct      300
ctgcgccgag catggccacc accgcgcttg tgtccatgtc tacaagggtcc tagagctgta      360
tgaggaggcc gtggacctgg ccctgcaggt ggatgtggac ctggccaagc agtgtgcaga      420
cctgcctgag gaggatgagg aattgcgcaa gaagctgtgg ctgaagatcg      470

```

```

<210> 1812
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (82)...(211)
<223> similar to gi5163412 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1812
ctcagggatt gaggatggta ttcccagggc tttagggtct aggcctattg gggaaggaaa      60
acaccatggc tcaccatcag ctctttcttg cctacaccag gatctcccta ctacgataat      120
gtccgtccac tctgctacag cgactcggat gcagtattac tatgttttga catcagccgt      180
ccagagacag gggacagcgc actcaagaag gtaagactag atcaactctc taatctctaa      240
ctcagcatga ggaccaagaa ggaatcgggg ccttgatcat aatgccctct tgtataacat      300
caagaaatgg aagccaggga aggaagagat ttgcccagg ccacaccatt agctacagct      360
ctgggactgg aacttggtgc tccttacccc actgcctccc gccctttttg ttatcccatg      420

```

```

<210> 1813
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(133)
<223> similar to gi805095 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1813
tatacactac gtagccatta tgatggagca cgggcattaa cttttcatcc tgaagaacct      60

```

```

gggctgggta ctgcttctga ggaccatacc ctgaaacttt ggaacctgca aaaaacaggt 120
cctgccaaaa agcaagtatt ttagtgtag cctggtgtat ttcttccaat tttgctaata 180
taagcaatta ttcctcatta ttgatgcatg tctttaatgc acacatttga tctagtgact 240
atttaatatc aaccagcgat tcatagttag ttaaagcct tctcttcccc tacccttttt 300
ccccctcttt taagagtggc tcttttagatg tagagcctat ctacacattt agggcccaca 360
tgtaagtttt actgagttgg ggtttaatta acatcatcat tattgttaaa tatt 414

```

```

<210> 1814
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(516)
<223> similar to gi3724105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1814
agactgccgc agcgactcat cctatcgata aggttcagtt agccaagggtg gaggatggga 60
aaagaatgga actgtcccag ctactcaatg agatcagggc aaactatgaa aagatcctca 120
ccagaaatca gatagagacg gtgctctcaa caaggatcca gctagaagaa gacataagca 180
aaaaaatgga caaagatgaa gaggctttga aggcagctca agcagaactc aaggaggccc 240
gacgccagtg gcaccacctg caagtggaaa ttgaatctct ccatgctgtg gaaagggggc 300
ttgaaaactc cctacatgcc agcgagcagc attaccagat gcagctgcaa gacctagaga 360
ctgtgattga aggactagaa aaagagctac aggaagtaag gcgcggcatc gaaaagcagc 420
ttcaagagca cgagatgctt ctcaacacga agatgaggct ggaacaagaa atagcaactt 480
atcgccacct cctagaaaaa gaagaaatca gatattatgg ttgtatccaa ggtgggaaaa 540
aaagacaaaa agcctaccac aagtagagtt ggttttgttt taccatcacc c 591

```

```

<210> 1815
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(404)
<223> similar to gi6018323 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1815
ggcgctacca tgggccaaaca tttgccaaagg ctgctcagga ttactgtggc atggcttggt 60

```



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (28)...(621)  
 <223> similar to gi4650844 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1817  
 tccgaaactc tccgatgaac accacgccaa gcttggcacg aggggtgaaga ctttgtaagt 60  
 gtatcaccgc agcacctcca taagcttttg tcctccagtg atctaaatat tgaaaatgaa 120  
 aagcagggct ataatgctgc catcaagtgg cttcttgcca atcctcagca tcattccaaa 180  
 tggttggatg aaacacttgc acaggttcgc ctgccattgt tgccggttga ttttcttatg 240  
 ggtgttgggg caaaagaaca gattgtcaag caaaatctaa aatgtagaga tttactggat 300  
 gaagcaagaa attaccacct tcacttgagt agcagagcag tacctgactt tgaatactcc 360  
 attcggacta cccaaggaa gcatactgct ggtgtgctgt tttgtgtaag tggtcgaggt 420  
 ggatctggtg acccctttcg cagtattgaa tgctattcta tcaacaaaaa cagttggttc 480  
 tttggaccag aaatgaatag tcgaaggcga catgtgggtg taatctctgt ggaaggtaaa 540  
 gtgtatgcag taggtggaca tgatggaaat gaacatttag ggagtatgga gatgtttgat 600  
 cctctcacta ataaatggat gatgaaggca tcaatgaaca caaagaggta gag 653

<210> 1818  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(482)  
 <223> similar to gi3717258 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1818  
 ggaaagtcta aatgctgtaa ctagcaattg gcaaaagcaa gtggacaagg cattggagaa 60  
 actcagagac ctgcaggagc ctatggatga cctggacgct gacatgaagg aggcagagtc 120  
 cgtgcggaat ggctggaagc ccgtgggaga cttactcatt gactcgctgc aggatcacat 180  
 tgaaaaaatc atggcattta gagaagaaat tgcaccaatc aacttttaaag ttaaaacggg 240  
 gaatgattta tccagtcagc tgtctccact tgacctgcat ccctctctaa agatgtctcg 300  
 ccagctagat gaccttaata tgcgatggaa actttttacag gtttctgtgg atgatcgct 360  
 taaacagctt caggaagccc acagagattt tggaccatcc tctcagcatt ttctctctac 420  
 gtcagtccag ctgccgtggc aaagatccat ttcacataat aaagtgcctt attacatcaa 480  
 gtaagttgat ttttaattct ctttatgata ccaagaaaat catgttttat tgataactta 540  
 agaggcttct ccccccataa ctttttaaaa tagaattcag tcctattatc tgaaagaaac 600  
 tgtgatatag ttaatatata aaagaaacta cttttaacat gagaattata tttttcatgt 660  
 atcagattag ggatataggt gtgttttagc gatatatatt aaagtagaga tttaaatatt 720  
 tggagacaga caataagcta tgatggccgt actgtattcc agcctggaca acaaagcaag 780

atccagtctc taaaaagtaa a

801

<210> 1819  
<211> 840  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (259)...(841)  
<223> similar to gi5922723 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1819  
cagcacacag aattaaaata cagacattta atagatatga tttgcagatt ccagaattgt 60  
gttttaatat catgcttttc acagtaagtc atattaacac ctcccttctta atattacaca 120  
gttgtgacac ctagtctctt ggctaattgc tgggttctga aattttcaat agataaattt 180  
tatatatattg tacctatgag tgtattatat tgcctattct gttattctga atcactaaac 240  
taatgtatat gggatattca gcaatactta aacagaagac gacaaaatga aataatggcc 300  
aaaatccaag cagctattat acagattcct aaacctgcat caaatcgta tttgaaagca 360  
ctcgaggccc aaaaaatgat gaaaaagaaa aaagaggcag aagatgtggc tgatgaaatt 420  
aagaagtctg aagcattaat aaaaaaggat ctccaagcaa aagaaagtgc atccaagact 480  
tctttagata cagcaggcca gacaaccacc gatttgtaa atacttactc agatgatgag 540  
tacattaaaa aaatccagaa gcgccttgaa gaagatgctt ttgcacgaga gcaaagggag 600  
aaaagacggc ggaaattgtt aatggaccag ttaatagccc acgaagcaca agaggaggct 660  
tatcgggagg aacagctgat taaccggctg atgcggcagt cccagcagga gcgcaggatt 720  
gccgtgcagc tcatgcatgt tcggcatgaa aaggaagttt tatggcaaaa cagcattttc 780  
agagaaaatc aacatgagga aagacgaaat aaagatttcc aggatgctct tgatcgagaa 840

<210> 1820  
<211> 537  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (315)...(540)  
<223> similar to gi2749752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1820  
aaaagcggcg cggctcgttc aagatggcgg agctcgacca gttgcctgac gagagctctt 60  
cagcaaaagc ccttgtcagt ttaaaagaag gaagcttattc taacacgtgg aatgaaaagt 120

acagttcttt	acagaaaaca	cctgtttgga	aaggcaggaa	tacaagctct	gctgtggaaa	180
tgcctttcag	aaattcaaaa	cgaagtcgac	ttttttctga	tgaagatgat	aggcaaataa	240
atacaagggtc	acctaaaaga	aaccagaggg	ttgcaatggt	tccacagaaa	tttacagcaa	300
caatgtcaac	accagataag	aaagcttcac	agaagattgg	ttttcgatta	cgtaatctgc	360
tcaagcttcc	taaagcacat	aaatgggtgta	tatacgagtg	gttctattca	aatatagata	420
aaccactttt	tgaaggtgat	aatgactttt	gtgtatgtct	aaaggaatct	tttcctaatt	480
tgaaaaacaag	aaagttaaca	agagtagaat	ggggaaaaat	tcggcgggctt	atggggaa	537

<210> 1821  
 <211> 436  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (219)...(430)  
 <223> similar to gil63078 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1821		
aaagcttagc	atgtagtttg gcgttaaatt taagatgttt taaaaactgt ttttttctca 60	
tacnggaggt	tctatatattt taatgatgtg gaaaaactaa gttaagttgt ctttccagag 120	
tcaaaaggaa	ttaaggtcat tataatccag taagagttag ttttcagcag gcacaaggat 180	
gaaggtgtaa	gtactacgag ggagggactt ggatgcacaa ggagggagaa ggagggaggg 240	
aagaggaggg	agaagggggg aggaaagagg agggagaagg agggagggaa gagggaggag 300	
aaggaggggag	ggaagaggag ggagaaggag ggagggaaga ggagggagaa ggagggaaga 360	
ggagggagaa	ggagggaggc aagaggaggg agaaggaggg agaaggaggg aggggaaggag 420	
agggagaagg	agggag	436

<210> 1822  
 <211> 659  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

001210"52735"012100

<222> (1)...(659)  
 <223> similar to gi473969 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1822

tctctctttg	ccagtaaatgt	tggaagtgga	catttcattg	gcctggcagg	gtcaggtgct	60
gctacgggca	tttctgtatc	agcttatgaa	cttaatggct	tgttttctgt	gctgatgttg	120
gcctgggtct	tcctacccat	ctacattgct	ggtcagggtca	ccacgatgcc	agaataccta	180
cggaagcgct	tcggtggcat	cagaatcccc	atcatcctgg	ctgtactcta	cctattttatc	240
tacatcttca	ccaagatctc	ggtagacatg	tatgcgggtg	ccatcttcat	ccagcagtct	300
ttgcacctgg	atctgtacct	ggccatagtt	gggctactgg	ccatcactgc	tgtatacacg	360
gttgctggtg	gcctggctgc	tgtgatctac	acggatgccc	tgcagacgct	gatcatgctt	420
ataggagcgc	tcaccttgat	gggctacagt	ttcgccgcgg	ttggtgggat	ggaaggactg	480
aaggagaagt	acttcttggc	cctggctagc	aaccggagtg	agaacagcag	ctgcgggctg	540
ccccgggaag	atgcctttca	tatttttcga	gatccgctga	catctgatct	cccgtggccg	600
ggggtcctat	ttggaatgtc	catcccatcc	ctctggtact	ggngcacgga	tcaggtgaa	659

<210> 1823  
 <211> 2024  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2025)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (20)...(793)  
 <223> similar to gi4589640 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1823

cgacccacgc	gtccgctttg	ttcctogaac	ttggatcttt	cctgctgaat	atactcaatt	60
ccaaaattat	gtgaaagaat	tgaagaaaaa	acggaagcag	aaaactttta	tagtgaaacc	120
agctaattgt	gcaatgggtc	atgggatttc	tttgataaga	aatggtgaca	aacttccatc	180
tcaggatcat	ttgattgttc	aagaatacat	tgaaaagcct	ttcctaattg	aaggttacaa	240
gtttgactta	cgaattttata	ttctgggttac	atcgtgtgat	ccactaaaaa	tatttctcta	300
ccatgatggg	cttgtgcgaa	tgggtacaga	gaagtacatt	ccacctaatg	agtccaattt	360
gacccagtta	tacatgcata	tgacaaacta	ctccgtgaac	aagcataatg	agcattttga	420
acgggatgaa	actgagaaca	aaggcagcaa	acgttccatc	aaatgggtta	cagaattcct	480
tcaagcaaat	caacatgatg	ttgctaagtt	ttggagtgat	atttcagaat	tgggtggtaa	540
gacctgatt	gtagcagaac	ctcatgtcct	gcatgcctat	cgaatgtgta	gacctgggtca	600
acctccagga	agcgaagtg	tctgctttga	agtccctggga	tttgatatatt	tgttggatag	660
aaaactaaag	ccatggcttc	tggagattaa	ccgagcccca	agctttggaa	ctgatcagaa	720
aatagactat	gatgtaaaaa	ggggagtgct	gctaaatgcg	ttgaagctac	taaacataag	780

```

gaccagtgc aaaagaagaa acttggccaa acaaaaagct gaggtcaaa ggaggctcta 840
tggtcaaaat tcaattaaaa ggctcttacc aggtcccca gactgggaac agcagagaca 900
ccagttggag aggcggaaaag aagagttgaa agagagactc gctcaagtac gaaagcagat 960
ctcacgagaa gaacatgaaa atccgacata tggggaatta tagaccgaat ttatcctcct 1020
gaagataaag cattacttga aaagtatgaa aatttgtag ctgttgcctt tcagaccttc 1080
ctttcaggaa gagcagcttc attccagcga gagttgaata atcctttgaa aaggatgaag 1140
gaagaagata ttttgatct tctggagcaa tgtgaaattg atgatgaaaa gttgatggga 1200
aaaactacca agactcgagg accaaagcct ctgtgttcta tgcctgagag tactgagata 1260
atgaaaagac caaagtactg cagcagtgc agcagttatg atagtagcag cagctcttca 1320
gaatctgacg aaaatgaaaa agaagagtac caaaataaga aaagagaaaa gcaagttaca 1380
tataatctta aaccctccaa ccactacaaa ttaattcaac aaccagctc cataagacgt 1440
tcagtcagct gccctcggtc catctctgct caatcacctt ccagtgggga caccgcca 1500
ttttctgctc aacaaatgat atctgtgtca cggccaactt ctgcatctcg gtcacattcc 1560
ttaaacctg cttcctccta catgaggcat ctgcctcaca gtaatgatgc ctgctctacc 1620
aactctcaag tgagtgaagc tttgcggcaa ctgaaaacaa aagaacaaga agatgatcta 1680
acaagtcaga ccttatttgt tctcaaagac atgaagatcc ggtttccagg aaagtcagat 1740
gcagaatcag aacttctgat agaagatata attgataact ggaagtatca taaaacccaaa 1800
gtggcttcat attggctcat aaaattggac tctgtaaaac aaccgaaaag ttttggacat 1860
agtgaaaaca agtattcgta cagttcttcc acgcatctgg aagggtgcctg atgttgaaga 1920
agtaaattta tatcgattt tcaaccgggt ttttaatcgc ttactctgga gtcgtggcca 1980
aggntgttgg aactgtttct gtgattcagg attcctcttg ggag 2024

```

<210> 1824

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(207)

<223> similar to gi4107015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1824

```

atccggggcc ggaactacca gcttggccag ggcattgtgg atggggacat cccgccccgg 60
gtgaagaagg acgtcacga gctcatcctg gactttatcc gtcacggcc tccactgaag 120
caggtctctg agaggcggct gcgcccgttg ccaccaaagc aaaggtccct gcatgagaag 180
atcctggagg agatcaagca ggagcggagg ctgcgcccgg tgcggggcga gggctgggct 240
gcccgcgggt ttggctctct gccctgcata ctcaacgcct gtcgggaga tgccaagtcc 300
acctcctgca tcaacctgtc agtcacagat gctgggggca gcgcccagcg cccgcggccc 360
cgcgtgctgc tcaaggcgcc taccttggct gaaat 395

```

<210> 1825

<211> 826

<212> DNA

<213> Homo sapiens



```

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (38)...(735)
<223> similar to gi577299 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1825
cggacgcgtg ggacaagcctt catcaaacc agaagtcac aagataaatt caattctgga      60
tatagtaaca aaagtggaaa actattatct taaaggatat attgtcgggg ctattcatcc      120
tggtatacaa cctgtggggc agcgaataca cctacctgca agttacctat acagagtggg      180
gctattgcgc ttgaaattaa gcccaaagaa ttctgcagca cccagtggac aaagacgccc      240
aaggctcgtg attgaggaat gtcccctaac ttctgaggca caaacaatg acgcagcaaa      300
agaactgata gaaaagatta atgtcgtctg taaaagagga atgaaatttg ttggattcat      360
atcacagcat tattctccat ctaaattctg caatggaacc aacctgatg gagatataga      420
atcgatgcta catgtgagac acggttcaga tgaaaactgt agaagttgga atgaagggac      480
gttaagtggg cagtcacatc aaagcggaat tgaggaagaa cttcatcatg aaagtggaca      540
gtatcaaata gaacaaaatg gcagccctac ttcctctaaa tcaagaaagg gagaagcctc      600
agataacaaa ttgtatacag tcttcaatgc ttttgatgat gattcaacct cctgggccta      660
tcaggaaggc atcctgtcaa tgaaagtaac aagaaaagga tcagtcatta gtacacttga      720
tgctgattgg ctgggagtta actacctttt attattaaac aaggcttggtc ttttaattga      780
ttcttttgta ttctggggaa acatcttaaa gggggaacn tttgcc                        826

```

```

<210> 1826
<211> 1114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (127)...(1043)
<223> similar to gi2246532 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1826
ctggaacatg cagcagcttt gcggggcccta caagatcagg tatccatcca gagtgcagat      60
gcacaggaac aaggggaagg gcttttggtt gaaaacaatg ccttgaggac tagcctggct      120
gccctggagc agatccaaac agcaaagacc caagaactga atatgctccg ggaacagacc      180
actgggctgg cagctgagtt gcagcagcag caggctgagt acgaggacct tatgggacag      240
aaagatgacc tcaactccca gctccaggag tcattacggg ccaatagtcg attgctggaa      300
caacttcaag aaatagggca ggagaaggag cagttgaccc aggaattaca ggaggctcgg      360
aagagtgcgg agaagcggaa ggccatgctg gatgagctag caatggaaac gctgcaagag      420

```

0948873E.042400

```

aagtcccagc acaaggaaga gctgggagca gttcgtctac ggcatgagaa ggaggtgctg 480
ggggtgctg cccgctatga gcgtgagctc cgagagctgc atgaagacaa gaagcgtcag 540
gaggaggagc tccgtgggca gatccgggag gagaaggccc ggacacggga gctggagact 600
ctccagcaga cagtggaaga acttcaagct caggtagatt ccatggatgg agccaagggc 660
tggtttgaac ggcgcttgaa ggaagccgag gaatccctgc agcagcagca gcaggaacaa 720
gaggaagccc tcaagcagtg tcgggagcag cacgctgccg agctgaaggg caaggaggag 780
gagctacagg atgtacggga tcagctcgag caggcccagg aggagcggga ctgccacctg 840
aagaccatta gcagcctgaa gcaggagggtg aaggacacag tggatgggca gaggatcctg 900
gagaagaagg gcagtgtctg gctcaaggac ctcaagcggc agctgcattt ggagcggaaa 960
cgggcagata agctgcagga gcgactgcag gacatcctca ctaacagcaa gagccgctca 1020
ggccttgagg agctggttct ctcagagatg aactcaccaa gccggaccca gacagggggac 1080
agcagtagca tctcctcctt cagctaccgg gaga 1114

```

```

<210> 1827
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(373)
<223> similar to gi3540177 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1827
cttagagtac atcagacaat tcatgctgga gagagaccct atgaatgcaa agaattgtggg 60
aaggccttta gacttcatta tcaactaact gaacatcaaa gaattcatalc tggtagagag 120
ccttatgaat gtaagggttg tggcaagacc tttagggtac aacgacatat tagtcaacat 180
cagaaaattc atactggtgt caaaccttat aaatgtaatg aatgtgggaa ggcctttagt 240
catggctcat accttggttc acatcagaaa attcatalcgt gtgaaaaacc ctacgaatgt 300
aaagaatgtg gtaagtcctt tagttttcat gcagaacttg ctcgacatcg tagaattcat 360
actggtgaga aa 372

```

```

<210> 1828
<211> 974
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(778)
<223> similar to gi2280485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1828
ctggagcggg cccgccggac gctaccgcct ttccagccgg agccagcgcg agctcggcac    60
gggggacacc cgggtccgag cgggcaagcc ggctggtgcc cgagtcggcc aagcatgggc    120
aaccactcag gacggccccg ggatccggaa ccagggtgaa aaggattatt catacctgaa    180
ggagatatgt gatcaccaag ccgaacagct gagcagaacc agcctaaagc tgcaagaaaa    240
agcatcagag agtgatgcag agatcaaaga catgaaagaa accatatttg aattggaaga    300
tcagggtgaa cagcaccggg ctgtcaagtt acacaataat caactcatca gtgagctaga    360
aagtagtgtg atcaagctgg aggaacagaa gtcagacctg gagaggcagc tgaagactct    420
gaccaagcag atgaaggagg agaccgagga atggaggcgg ttccaggcgg atctgcagac    480
cgcagtgggt gtggccaatg acatcaagtg tgaggcccag caggagctgc gcaccgtgaa    540
gaggaaactg ctggaggagg aggagaagaa tgcccgggtg cagaaggagc tgggggatgt    600
gcagggccac ggaggggtgg tcaccagcag agccgcccct ccacctgtgg atgaagagcc    660
agagtcctct gaggtcgatg ctgctggtcg gtggcctggg gtctgtgtta gcagaacatc    720
tccaacaccc ccagagtcgg caaccaccgt taagtcactt atcaagtcac ttgacttggg    780
acgccaggtg atttaatcat tttttctata agcaaagctc caaattcaaa ctttggcccg    840
acatttgata tgtctactat ctctactcca ccctggccct gtgttggttac aaccacaagg    900
gcgctttcca ggtcctacca cgtgcagcca ctgcatgcag gagcctggct gaggctccag    960
ggaggcactg atgg                                     974

```

```

<210> 1829
<211> 1033
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (846)...(1027)
<223> similar to gi2407788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1829
cccacgcgtc cggatgtgtg ctcacacttg ggggacctga ttggggcttc agaccttggg    60
ggcctgtccg caggggtctc tccatccttc ttgatttgcc tgtcattgag gctgcccgt    120
ctgggcgcca ttccccagcc taacacctct tctcagtcct tcttgcagg tccctggagt    180
ccaggccttg gggcagtgaa gaaaccgtgg ggaggggcat gagatgccag tccccaaagt    240
ccttggggagc ccttgtgggc caagtcattg taggacacac cctctcctgg gcattgtcta    300
ggtcacccag tgagcctagg ctcccccttc ctcccatccc cagcctgggg gaaccttcag    360
cgtctctcct ccctgtaggc cccggctcag cttcccagga acttttggtg gtgggtacta    420
gtagggtaag gcagttcttc ccatcatgag ggagaccttg ggagactttc attaccaaatt    480
ccattgctgc cccgaccttc ctgggactga tctgggtcac cctggtctcc tgatcttggg    540
gaagtcaagt tcttatccca gacttgagag gttacaagcc tccaggctctc tggcaaagt    600
tgagatgatg ggacagccat ttgtacacac accagccagt cccttagcat atctctcttg    660
gttttgtctc aggtctgcct cagccacctc cctgacgtg tccactgtg tggatgtggg    720
gaaggggctt ctggatttta agaagaggag aggtcactca attgggggag cccctgagca    780

```

004872E 01400

```
gcgataccag atcatccctg tgtgtgtggc tgcccgaactt cctacccggg ctcaggatgt      840
gctgcagcct cctggccact ggaggggctg accgcctgat ccacctctgg aatgttgtgg      900
gaagtcgcct ggaggccaac cagaccctgg agggagctgg tggcagcatc accagtgtgg      960
actttgaccc ctcgggctac caggtttttag cagcaactta caaccagggt gccagtttt      1020
ggaaggtnng gga                                         1033
```

```
<210> 1830
<211> 372
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (93)...(375)
<223> similar to gill196425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1830
agcgtgtgac cttaggaatc aatggggctg tactgaatcc ccgagtaa atcttggttc      60
gaggagaagt ttacaaatgc tctcttgagc cagtgtttca aactttctat gatgaactaa     120
atgtgccaat aacagaatct ccaggaaaaa caagaaatct gtttttgcaa ttagccgagc     180
atgtagccca gtctctcact gtcacttcat gttatgtatg tggaggaact gtaatagcag     240
atcaatggcc atgggaagcc cgagaattag tacctacaga cccagttcct gatgaattcc     300
cagctcaaaa gaatcacctc gataatttct gggtcctaaa agcctcaatc attagacaat     360
actatatagc ag                                         372
```

```
<210> 1831
<211> 425
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(427)
<223> similar to gi4062789 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1831
aatggcaatg ctcgggcgca tcgaatctct gctctgcgcc gtggtgctgg atggtatgac      60
cgggacgaaa cacaaggcga acagcgaact ggttgacagc ggactgggga atattatgc      120
tccgttcttt ggtggtatta ccgctacagc tgccatcgcg cgttctgccg ctaacgtccg     180
tgccggggca acgtccccta tctcggcggt gatccactct attctgggta ttcttgcct      240
gctggtactg gcaccgctgc tctcctggct gccgctttcc gccatggcag ccctgctgtt     300
```

gatggtggcg	tggaacatga	gtgaagcgca	caaagtggtc	gacttgctgc	gtcatgcgcc	360
gaaagatgac	atcatcgtca	tgctgctgtg	catgtcgtg	accgtgttgt	ttgatatggt	420
tattg						425

```

<210> 1832
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(89)
<223> similar to gil65650 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1832						
gtcaaaaacg	atttcctagc	aactgtggcc	gtgatggaaa	actgtttctt	tggggacaag	60
cacttcatat	catcgcaaaa	ctcctgggta	agtggagaag	attgggaatg	gtattttttt	120
ccttggtatt	aagctattag	aaataaatat	gcctttgctg	gcacataata	gtactttggt	180
acaacaggat	atcctatgga	gtttaaaaat	aagtatttaa	aatataacaa	atctgtatta	240
gtccattctc	atgctactaa	taaagatata	cccaagactg	ggtaatttat	aaaggaagga	300
gttttaaatg	cctcacagtt	ccgtcgacgc	gggcg			335

```

<210> 1833
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(588)
<223> similar to gi3881842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1833						
cctgacctcc	tctgtggacc	tgtactttgg	ggcgcaccat	cccctccatg	tgacaatggt	60
gcccaatccc	tcgcacctgg	aggccgtcaa	ccccgtggcc	gtggggcaaaa	ctcgcggcag	120
gcagcagtct	cgccaagacg	gcgattactc	tccagacaac	tcagcccagc	cgggggacag	180
ggtcatttgc	ttacaggtcc	atggtgatgc	ttttttctgt	ggtcaaggga	ttgttcctga	240
aacattcacg	ctgtccaatc	tcccacattt	caaaattggt	gggagtgtgc	atttgattgt	300
taataaccag	ctgggttaca	ccactccagc	tgaaagagga	aggtcttctt	tatactgcag	360
tgatattggg	aagcttgtgg	gctgtgccat	catccatgtc	aatggagaca	gcccagagga	420
agtggtccgt	gccacacgac	tggcttttga	ataccaacgc	cagttccgca	aggatgtgat	480

```
tattgatctg ttgtgctaca gggcaggggg ccacaatgag ctggatgagc cattctacac 540
caaccccatc atgtacaaaa tcatcagagc tcggaagagc attccagaca ca 592
```

```
<210> 1834
<211> 556
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(557)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (4)...(536)
<223> similar to gi3811347 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1834
gttcacgtct gcagcagtaa gatgggagct ttgtccacgg agcggctaca gtactacact 60
caggaactgg ggggtccggga gcgcagtggc cacagcgtgt ccctcatcga cctctggggc 120
ctccttggtg agtatctcct gtaccaggag gagaaccctg ccaagctgtc tgaccaacag 180
gagggcgggtcc gccaggggtca gaacccttac cccatttaca ccagtgtcaa cgtccgcacc 240
aacttgagtg gggaagatgt tgcagagtgg tgcgagttca cgccctatga ggttggcttc 300
cccaagtacg gggcttatgt tcccaccgag ctcttcggct cagaactctt catgggacga 360
ttgctgcagc tccagcctga accccggatc tgttacctgc aaggatatgtg gggcagcgcc 420
tttgccacca gcctggatga gatcttccta aagaccgccg gctcgggcct cagcttcctg 480
gagtgggtaca gaggcagtgt gaatatcaca gacgactgcc agaagcctca gctgcacaac 540
ncctcgacgc gggaat 556
```

```
<210> 1835
<211> 805
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (23)...(681)
<223> similar to gi5457791 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1835
```

```

gcgagagctt cacaaggaag ttgaagtagc taagaggaat ttggcccaac agaaaattat    60
atcagaaatg gagtctaagt tagtagaaca acaacttgca gaagaaaaca agctttttaa    120
ggagcaagaa aacatgaaag agctagtagt caaccttctc cgcattgactc aaatcaaaat    180
tgatgaaaag gaacaaaagt ccaaggattt cctgaaagct cagcaaaaat acaccaacat    240
tgttaaagaa atgaaagcaa aggatcttga aatcaggata cacaagaaga aaaaatgtga    300
aatattatcg agactgagag agtttgctaa actgtatgac accattcgaa atgaaagaaa    360
caaatttggt aacttactcc acaaagctca tcagaaagta aatgaaataa aagaaaggca    420
taaaatgtca ttaaataaac ttgaaattct gagaaatagt gccgttagtc aagaaagaaa    480
gctacaaaat tccatgctga aacacgccaa caatgttacc atcagagaga gcatgcaaaa    540
cgatgtgctc aaaattgtat caaaacttca ggaaatgaaa gaaaagaagg aagcccagtt    600
aaataacatt gacagacttg ccaacacgat cacaatgatc gaagaggaga tgggtgcagct    660
tcgcaaaaga tacgaaaaag ctgttcagca tcgaaatgaa aggaggggtc tttctcctgg    720
catgattaca aaggatagat ttttgctgtt ttatggggaa atcacaacca gaaatattca    780
acttgagaag aaactaatgg gccta

```

```

<210> 1836
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(89)
<223> similar to gil228035 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1836
ggagaactgg ctcccaatga tagatgttgc cgtgtgtgtg gaaaaatagg ccactacatg    60
aaagactgcc ctaaaaggaa aaggttggca aatgaatata tatcaacatt ttgaggaaaa    120
taaatagagag gccaatgtgt agctataatt atgttcagaa atgtttaact gagaaagttt    180
agggtattta attataccta aggtaaatgt tcatttgagt ggaattttgt aatagggtaa    240
gatttgcatt tgggtataata gtatcttcta acattcattt gttcatttat tcattaattc    300
actcagtttt tttttggttt tgggttttgg tttatttttg ttttttttga gacggcatct    360
cgccctgtcg cccaggctgg agtgcaatgg tgtgatctcg gctcactgca tcctccgc     418

```

```

<210> 1837
<211> 631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(629)
<223> similar to gi60369 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1837  
gaattttctgg gtcgtcccac gcgtcccgca aaggatgagg gaaacgatga gggaaaggat 60  
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 120  
gagagaaaagg atgaggggaaa ggatgagggga aaggatgaga gaaaggatga gggaaaggat 180  
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 240  
gagggaaaagg atgaggggaaa cgatgagggga aaggatgagg gaaaggatga gggaaaggat 300  
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaacgatga gggaaacgat 360  
gagggaaaacg atgaggggaaa ggatgagggga aaggatgaga gaaacgatga gggaaaggat 420  
gagggaaaagg atgaggggaaa ggatgagggga aaggatgaga gaaacgatga gggaaaggat 480  
gagagaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 540  
gagggaaaagg atgaggggaaa cgatgagggga aaggatgaga gaaaggatga gggaaaggat 600  
gagggaaaagg atgaggggaaa ggataagtaa g 631

<210> 1838  
<211> 667  
<212> DNA  
<213> Homo sapiens  
<220>  
<221> misc\_feature  
<222> (2)...(633)  
<223> similar to gi2246532 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1838  
ggaaaaacaa gcaacagatg acattatcaa aaatatgtct tttgaaaacc aagtcaagta 60  
cctagagatg aaaaccacaa atgagaaact gttacaggaa ttagatacac ttcaacaaca 120  
attggattca cagaacatga aaaaagagag cctggaagca gaaatagctc actcccagggt 180  
gaaacaggag gcggtattgc tgcataaaaa actttatgag ttggagtccc atcgagatca 240  
aatgattgca gaagacaaaa gcataggatc tccaatggaa gagagagaga aattacttaa 300  
gcagattaaa gatgataatc aggaaatagc cagcatggaa agacagttaa cagatacaaa 360  
agaaaagata aatcagttta ttgaagaaat tagacaactt gacatggatt tagaggaaca 420  
ccaaggtgaa atgaaccaga aatacaagga gctaaagaaa agggaggaac atatggacac 480  
ttttattgag actttttgagg aaacaaagaa tcaggaactg aaacgaaagg cacagataga 540  
agccaacatt gttgcaactc tggagcaactg cagtcgaaat ataaatcgta tagaacagat 600  
atcctctatc accaatcaag agctaaagat gatgcaggat gacctcaatt ttaaactctac 660  
tgaagcg 667

<210> 1839  
<211> 360  
<212> DNA  
<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (41)...(239)  
 <223> similar to gi4558557 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1839  
 tgatattgcc ttaaaagatg ctgaaaaagt tcacttcatc ctagtggaaa aggtgaccac 60  
 aagattcaag gtggatggaa aacacagaaa gaaaaattca gtgtttgaaa gacttcaaatt 120  
 tgatattcaa cacttgtgtt tgaacaagat tcctgtgcta agagaagaaa aactacctgt 180  
 ggtaggaatt ggaaagcatc tgtgtggtat ggcaacagat cttgcattac gatgtttggt 240  
 tgaaacctat gctgccagtt ttgaggaaaag gaatgaagaa ccttttagcca aacgcataaa 300  
 gaatgataaa acagaaaaag aaatttacac tttggccaag gaaggaaatg aaaaaaatgt 360

<210> 1840  
 <211> 932  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (806)...(450)  
 <223> similar to gi3876843 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1840  
 ttttttgata tcagaagtca tcttgatata gccagttcct tctcttcaca gttttgtttc 60  
 tcatttgaac atccaaagac agttttgcga gctgtgtgca gtcaccacag gccagtgagg 120  
 tcaactgtcat tgtgacaata ggtagttttc aggggcacag accttgtgct gggatgatgga 180  
 atctaagacc catttctcag acagataact gactgttgct ttcttctttc cgctgtaggg 240  
 cccgatgacg atgctggcct ggccgggggac ttggctgacc cggcctccgc acaggtggac 300  
 tagttcacag agcttggcca ctgggggggct gctggcaggc gagacaaaca tcaactggctg 360  
 gtccggcaag agggttccgc ggtacggccc tgcagacaag tggcactcac ttcggcacag 420  
 gggagctgca ggaagtgggt gagacagttc gaacggctcc tcagaaatcc agtgacccaa 480  
 ttctaaagac catagcacc aatcataaga gagaaccacg cagccacgcg caattcccag 540  
 cagcacattc aggggtgcga gtggcttccc ggaaagcacg tgagtcgtgg tctcacagac 600  
 gtctgggtgca attgaaaagc ctttcaattt atccacaacc tggatgacga cattctgctt 660  
 ttcatagggc atgcttgtca tgactaatgt tcttgttggc tttttgcctc tcccactttt 720  
 cttcaattcc tcatgagggt tgatgaggct cttaaagccg tcacatgagt catctaaaac 780  
 atcatgcctt gttgggtctat ttttaacact tccactgtat cctccgggta agttttcctt 840  
 ctcttctgta gacgtctcca tgttacagtc aactataaaa catggctcat gttcactctg 900  
 ggcttcacct tcagaggagt ttgatatttt gg 932

<210> 1841  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(299)  
 <223> similar to gi7939 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1841  
 agaaagcttc aacactatca gtaacatcga ggagattgcy tataacgccca tttccttcac 60  
 atgggacatc aacgatgaag caaagggttt catctctgtg aactgcttaa gcacagattt 120  
 ctcttcccag aaggaggatga aggggttgcc tcttaacatt caaattgata cctatagtta 180  
 caacaaccgc agcaacaagc ctgtgcaccg ggcctactgc cagatcaagg tcttctgtga 240  
 caaggagct gagcggaaaa tcagggatga agaacgaaag caaagcaaaa gaaaaggcaa 300  
 gtgtcctgac cccagctccc aggtgaatgc ctgtaagtag aaatgttccc g 351

<210> 1842  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> similar to gi551827 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1842  
 cttacccatc tcacggctca gaacgtgccg aatctgtttg cccgtaacga acgcgtgatt 60  
 tgctttttcg ataccgaatt tggcccaatg gcgcagattc tggtcggagc gacgattgtt 120  
 ggcagcattg agacggtctg ggcgggcacc attacgccgc cgcgcgaagg tatcatcaag 180  
 cgctggacct ggcctgccg ggaacacgac ggttctgtgg cactgctgaa aggccaggaa 240  
 atgggtcgct ttaaaactcg ttccaccgtt atcaacctgt ttgcaccggg taaagtgaat 300  
 ctggttgagc aactggaaag cctgtctgtc acgaaaattg gccagccgct ggcagtatct 360  
 accgaaacct ttgttacgcc agacgctgaa cctgccccgc ttctgctga agagatcgaa 420  
 gcagaacacg acgccagcc 439

<210> 1843  
 <211> 543  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (257)...(545)

<223> similar to gi2618752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1843

gcaaaggggt	gttgacttcc	tccctctccc	ctcccttcgt	tccttcttcc	cgaaggcact	60
catctgagaa	aaagagaacg	aagtattgtt	cctgttctct	ttcttaagtc	attcgaaaca	120
ctgcccctgc	gagttcttta	agttccctgc	aatctgtaca	ccctagaaag	agggagagag	180
agagggagag	agaccacag	agcagggatc	aggtaaagga	gtggggctgc	tgcagccatt	240
cagacctcag	gagctgggtg	tgaaggagca	taagtgtggg	atttgtgggc	gggagttcac	300
cctgctggcc	aacatgaagc	gacacgtgct	gatccacacc	aacatccgcg	cctaccagtg	360
tcacctctgc	tacaagagct	tcgtgcagaa	gcagaccctc	aaggcacaca	tgatcgacca	420
ctctgacgtg	aagcctttca	aatgcaagct	ttgtgggaag	gaattcaacc	ggatgcacaa	480
cctgatgggc	cacatgcacc	tgcactcaga	cagcaaacc	ttcaagtgcc	tctattgccc	540
aag						543

<210> 1844

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (847)...(949)

<223> similar to gil813429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1844

cccacgcgtc	cggaatgatt	aatggagaaa	ccatgaaaat	attggtaatt	ttttttttta	60
ctaaatttta	tacttgga	ttaaaaggt	cattgaaaat	gattgtacca	gggttccttc	120
atgatagaca	tggggctgag	tcttaaagca	aacagggaat	tcacctccac	ctcaacattt	180
tgttgggcaa	attttcaaac	ataaaggaca	atgagaagta	ttttatagtg	aacacttatc	240
tacttacctc	ttagattcaa	caatgaatat	tttattatac	ttgttgcata	tttatcccc	300
tacctatccc	tcttttcttc	caacaattgt	gaattcatct	ttgaggtatt	cattcaacaa	360
acacatagg	gctggggatg	atttaattta	atcgaagatg	attaaagcat	tcagtcctgt	420
cctccaaagt	ctcacaacct	agtgtaggga	aatagacatg	aaatatatca	ttgctgcaaa	480
atgatgagtg	gcataatata	ggtatatgtg	aagttcagca	gagaaacacg	ttggaagaaa	540
taatctttga	ctcttgaagt	attgtttgaa	gtttttggga	gttaccacga	gtgagaagga	600
gtttgcctag	caaagataat	tctaaacaga	aacattagca	tttgcaaaga	tgtgggggta	660
atgttgtgag	tgttaaaaag	aacatatagt	aaaaatgcaa	aattggaaac	atgtggtctg	720
tatattattg	caactttagt	gtaattccta	cctcatttgg	gataaatgta	gcatgtttta	780
tgttaaggga	ccatatatca	taacacattt	ttgttcta	atttgattta	tgagaaatgt	840
ttgttaaatt	tagatgtcaa	tgaagagctt	ccagccagaa	gaaaacgaaa	tcgtgaggat	900

```

ggggaaaaga catttggtgc acaaatgaca gtatttgata aaaacaggta atgttgatga      960
acaagtgagg ctcccacaat gttctggaaa tgttttcatt ctgaagcaga atataattat      1020
ttatattgat tatttcattg cctttgtttc tttttattct tacggatgaa aaaacaaatt      1080
tgcaaacact ga                                     1092

```

```

<210> 1845
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(418)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1845
gcgggcttaa ccggttccc aacccttact ttccacaaga taattcatac tgataagaaa      60
ccctacaaat gtgaagaagg tggcaaagct ttttaaccgat cttcaatcct tagtatacat      120
aagaaaattc atactggaga aaaaccctac aaatgtgaag aatgtggcaa agcttttaag      180
cggtcctcac acctcgctgg gcacaagcaa attcatagtg taaaaaacc ctacaaatgt      240
gaagaatgtg gcaaagcctt tagtatattc tcaaccctta ctaaacataa gataattcat      300
actgaagaga aaccctacaa atgtgaaaaa tgtggcaaaa ctttctaccg attctcaaac      360
cttaatacgc ataagataat tcatactgga gagaaacctt gcaaatgtga agaatgt      417

```

```

<210> 1846
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(448)
<223> similar to gi5689447 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1846
cgacccacgc gtccgaggac gcgtgggagg acgcgtgggc ggacgcgtgg gctggcggcc      60
attgccctgc tggctctaga ggaggaggag agcgcccttct ggtgcctggt ggccattgtg      120
gagaccatca tgcccgtgta ttactactgc aacacgctga cggcatccca ggtggaccag      180
cgggtgctcc aggacctgct ctgggagaag ctgcccaggc tgatggccca tctggggcag      240
caccacgtgg atctctccct cgtcaccttc aactggttcc tcgtggtctt tgcggacagt      300
ctcattagca acatcctcct tcgggtctgg gatgccttcc tgtacgaggg gacgaaggtg      360

```

```
gtgtttcgct atgccttggc cattttcaag tacaacgaga aggagatctt gaggctacag 420
aatggcctgg aaatctacca gtacctg 447
```

```
<210> 1847
<211> 508
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(442)
<223> similar to gi4454565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1847
ctgaaaaagg accactttct cctaaagttc tttttaatca cctttgtcag aaggcacctc 60
gatttaaaga tttccagcaa caggacagtc aggagcttct tcattatctt ctggatgcag 120
tgaggacaga agaaacaaag cgaatacaag ctagcattct aaaagcattt aacaacccaa 180
ctactaaaac tgctgatgat gaaactagaa aaaaagtcaa agcatatgga aaagaagggtg 240
tgaaaatgaa cttcatagat cggatcttta ttggtgaatt aactagcacg gtcattgtgtg 300
aagaatgtgc aaatatctcc acggtgaaag atccattcat tgatatattca cttcctataa 360
tagaagaaag ggtttcaaaa cctttacttt ggggaagaat gaataaatat agaagtttac 420
gggagacaga tcatgatcga tacagtggca atgttactat agaaaatatt catcaaccta 480
gagctgccaa gaagcattct tcatctaa 508
```

```
<210> 1848
<211> 505
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (255)...(508)
<223> similar to gi3875400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1848
ggcggcagca gcagccctgg acgcagcagc caagctcttc gctggctccc gggggctctc 60
ccgggttcct ctcatcgcag gctgaaggta atgagaggcc ctaagatccc agaggatgcc 120
ataagaggaa agtcagggg agtggtgaag actctgcctc ctacaaatat ccatccgcag 180
agccatcctg tgcaaaggaa ggagctaggc tgtgcgccct gggcgctcatg atccttctgc 240
gggcctccga agtgcggcag ctgcttcaca ataagttcgt ggtcatcctg ggggactctg 300
tgcatagggc agtatacaag gacctggtgc ttctgctgca gaaggaccgc ctgctcactc 360
```

```

ccgggcagct tagagcaagg ggggagctga acttcgaaca agatgagctg gtggacggag 420
gccagcgggg ccacatgcac aacggcctta actaccgtga ggtccgcgag ttccgctccg 480
accaccatct ggtacgtttt tactt 505

```

<210> 1849

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (68)...(316)

<223> similar to gi3297821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1849

```

ggcaaacgca gctctctgtc agcatccgac gggctgtcag accagtgtctg atcttcactg 60
gactcttctt cctcctcgtc atagtcctcc tcctcctcct ctccatagtc ctctcctcct 120
tcctcttcat attcttcttc ctctcctcct tcctcttcat tcccaggccc aaagctcttt 180
gaggcctcta gctcctcttc acttttccct ttccagaagg catggatccg caccggcctcc 240
ttccacggaa caccacccag gtcagatggg ggcaggcgag gctcctcctc ctctcctcct 300
ccctcctcct ccctctcaga ctccgaacta ctgctggc 338

```

<210> 1850

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (353)...(426)

<223> similar to gi5853317 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1850

```

gcacgagtgt cagttcttga gatgatgctc tggacttaat aactttgatc agaccttcta 60
aaccctaaatt tgaagttagg accagaccag aaaatctagg atacatgatg gctagagaca 120
caggtgttagc ttttaataga tgcaggctaa cagctgccat tttccattc tctagataga 180
ttattctatt ttcattcttc ccagaacctt gcaaggcagt gctttcactt cctgaaagaa 240
actggcagga tagggacctt accatagaac agagtctctg gagaaggga ctgaaccagg 300
tcctttgcag ctgtccctag acttccttga ccccatcctt gcttgctttc cagaccccat 360
gccacagctg gatgtgactg aggccaacaa ggagttcatg gaacagagtg aggagctgta 420
tgac 424

```

<210> 1851  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (11)...(105)  
 <223> similar to gi3347848 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1851  
 ccgcttccag gcttcctgct acctgaagca gggcaagtac caggatgcgg agaccttgta 60  
 caaggagatc ctcacccgcg ctcattgagaa agagtttggc tcttgagggc ctgccccagt 120  
 gtctcccact ctgggaaacc acctctggcc ccgatggtc agtcattctgc tctgaggtcc 180  
 ctccgagcct ggcccatcat tcaggcctag cactatgtctt gggctgtggc ctgaggtgca 240  
 agggctctgt ctgctcatct ttcttgtgac cattctttcc tccaggataa gcgccgggac 300  
 agcgccccct atggggaata cggcagctgg cacaaggcag gtcacctgtc ccaagaaggc 360  
 tctgtct 367

<210> 1852  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(686)  
 <223> similar to gil690 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1852  
 ggcacgagtg gaggggatgg gaacttggag actcacacca cactgcccaa cattctgaag 60  
 aagttcaacc cttacctcct tggcttctct accagcacct gggaggggac agcaggacta 120  
 aatgtggcag cggaaggggc cagagctagg gacatgccag ccagggcctg ggacctggta 180  
 gagcgaatga aaaacagccc cgacatcaac ctggagaaag actggaagct ggtcacactc 240  
 ttcatgggg gcaacgactt gtgtcattac tgtgagaatc cggaggccca cttggccacg 300  
 gaatatgttc agcacatcca acaggccctg gacatcctct ctgaggagct cccaagggct 360  
 ttctgcaacg tgggtggaggt catggagctg gctagcctgt accagggcca aggcgggaaa 420  
 tgtgccatgc tggcagctca aaacaactgc acttgccctca gacactcgca aagctccctg 480  
 gagaagcaag aactgaagaa agtgaactgg aacctccagc atggcatctc cagtttctcc 540  
 tactggcacc aatacacaca gcgtgaggac tttgcggttg tggtcagacc tttcttccaa 600

```

aacacactca cccactgaa cgagagaggg gacactgacc tcaccttctt ctccgaggac 660
tgttttcact tctcaaaccg cggcg 685

```

```

<210> 1853
<211> 513
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(516)
<223> similar to gil020145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1853
ggcacgagcc ttcgggagag aaacctcata aatgtactga atgtgggaag tctttcaatg 60
agaagtcaac cctcattgtg catcaaagaa ctcatcacagg agagaaaccc tatgaatgtg 120
atgtgtgtgg aaaaaccttc acgcaaaagt caaaccttgg tgtacatcag agaactcatt 180
caggagagaa accctttgaa tgtaatgaat gtgagaaagc cttctctcag aagtcctacc 240
tcatgctgca tcagagaggt catcacaggag agaaacctta cgagtgcaat gaatgtgaaa 300
aagcattttc acagaaatca tatctcatta tacatcaaag aactcataca gaagaaaaac 360
cctataaatg taatgaatgt ggcaaagcct tcagagaaaa gtcaaagctc attatacatc 420
agagaattca tacaggagag aaaccttatg aatgtcctgt gtgttggaag gcttttagcc 480
agaagtcaca gtcataata catcagagaa cgc 513

```

```

<210> 1854
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(105)
<223> similar to gi6016932 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1854
ggcacgagcg ggctggtgga cttggtatta atcttacagc tgctgatacc tgcatcatct 60
ttgattcaga ctggaatcca caaatgacc tgcaggtaaa ggaattcatt gtcttaggga 120
ctaactacct aacttgggag atttttcaac aagaatagga tcttttagaa agacctttca 180
cagagtttgg aattgtttcc ttagttaagg gtggcagtta ggtcagggaa tcagcaaacg 240
ttttctgtaa acgacaagac agtaaagtgt ttaggctttg tgagccatcg agtctttgtt 300
gcaactgctt atctccaagt cctgtagcgc aaaaacagcc atagataata tgtaaatgag 360

```



tgggtggtcc cacctgtgtc cccattgaac tttattttt

399

<210> 1855  
<211> 749  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2)...(751)  
<223> similar to gi4589520 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1855  
gaagaactgg atacgcagct ccttcaagca agctttcggg aagaagaagt ccccaaaatc 60  
tgcgtcctct cattcagata ttgaggagat gacggattct tctttgcctt cctcaccaaa 120  
gttaccacac aatgggtcca cagggtccac cccactgctg aggaattctc actccaactc 180  
tctaatttca gaatgcatgg atagtgaagc tgagaccgtc atgcagctcc gaaatgagtt 240  
aagagacaag gagatgaagc tgacagatat ccgcttagaa gctctcagtt ctgcccacca 300  
gctggaccag ctccgggagg ccatgaacag gatgcagagt gaaatagaga agctgaaagc 360  
tgagaatgat cggctgaagt cagagtctca aggcagtggc tgcagccggg ctcccttcca 420  
agtgtccatc tctgcctccc cgaggcagtc catgggcctc tcccagcaca gcttgaacct 480  
cactgagtca accagcctgg acatgttgct ggatgacact ggtgaatgct cggctcggaa 540  
ggaaggaggc aggcattgta agatagttgt cagctttcag gaggaaatga agtggaagga 600  
ggattccaga ccacacctct ttcttattgg ctgcattgga gttagtggca agacgaagtg 660  
ggatgtgctc gatggggtgg ttagacggct gttcaaagaa tacatcattc atgtcgaccc 720  
agtgagtcag ctagggtgta attcagacg 749

<210> 1856  
<211> 445  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (4)...(446)  
<223> similar to gi5640017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1856  
attcatcaga gaattcatag tggtgagaaa gcatatgaat gtagtgaatg tgggaaagct 60  
ttcaatcaga gctcagcct cattagacat cggaaaatcc atactggtga gaaagcttgt 120  
aaatgtaatg agtgtggcaa agcattcagt caaagttcat atctcattat acatcaaaga 180

```

attcacactg gtgagaaacc ttatgagtgt aatgaatgtg ggaaaacctt tagccagagc 240
tcaaaaactca ttagacatca gcgaattcac acaggagaga gaccctatga atgtaatgaa 300
tgtggaaaag ctttcaggca gagctcagag ctgattactc atcagagaat acatagtgga 360
gagaaaacct atgaatgtag tgaatgtgga aaagctttca gtttgagctc aaaccttatc 420
agacatcaga ggattcatag tggggg 445

```

```

<210> 1857
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(423)
<223> similar to gil841296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1857
agccctgata ctttcagccg gcctgagcac gggagctctc gttgcgattc tactctgtgt 60
cttcatactg cttatttttag tcgtgttggt tgctgcattg aagaggcaaa gaaaaaagga 120
acctctgata atttcaaaag acgatgtccg ggacaacatt gtgacctaca acgatgaagg 180
cggcggggaa gaagataccc aagcttttga cattggcaca ttaaggaatc cagaggcaag 240
agaagacagt aaacttagac gggatgtaat gcctgaaact atttttcaga taaggaggac 300
tgtgcctctg tgggaaaata ttgatgtaca agattttatc catcgaagat taaaagaaaa 360
cgacgcagac ccaagtgcac ctccatatga ttcgctggca acgtatgcct atgaagggaa 420
t 421

```

```

<210> 1858
<211> 1238
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1241)
<223> similar to gi2911719 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1858
atcttaccaa gatgcatctc acagaaaacc ctcatccaca ggtgactcat gtgtctttcta 60
gtcagtctgg ttgtagcatt gccagtgact ctggaagcag cagtttatct gatatttatc 120
aggctacgga gagtgaaggta ggagatgtag atttgacacg tcttcagaa ggacctgttg 180
attctgagga tgacgaagag gaagatgaag agattgatcg aacagatcca ttgcaggggc 240

```

```

gagatcttgt tcgagaatgt cttgaaaaag aacctgcaga caaaactgat gatgacattg 300
aacaattgct ggagtttatg caccagctcc ctgcatttgc aaacatgacc atgtctgtaa 360
ggagagaact ctgctcagtg atgatttttg aagtggtaga gcaggctgga gctattattc 420
ttgaagatgg gcaagagctt gactcatggg atgttatttt aaacggcact gtggaaatca 480
gtcatccaga tggaaaaagt gaaaatttgt ttatgggaaa tagttttgga attactccca 540
ctctggataa gcagtacatg catggaattg tcaggactaa agtagatgat tgtcagtttg 600
tctgcatagc ccagcaagat tattggagaa ttttaaacca tgtggaaaaa aatacccata 660
aagttgagga agagggagaa attgttatgg tacatgagca tcgggaaacta gaccggagtg 720
gaaccaggaa aggacacatt gtgatcaagg caacacctga gcgtctcata atgcatttaa 780
tagaagaaca ttccatcgtg gatccaactt atatagaaga ttttctatta acttacagga 840
catttcttga aagtcctttg gatgttggga tcaaactatt ggaatggttt aagatcgaca 900
gcttaagaga taaggtgaca cggattgtat tattatgggt aaataatcat tttaatgatt 960
ttgaaggtaga ccctgctatg actcgatttc tagaggaatt tgaaaaaaat ctggaagata 1020
caaagatgaa tgggtcatctc cgggttattga atattgcctg tgctgcaaag gctaagtgga 1080
gacaggttgt gctgcaaaaag gcttcccgcg agtcccctct acaattcagc cttaatggag 1140
ggagtggagaa gggatttggg atttttgttg aaggagtaga acctggtagc aaagctgctg 1200
attcaggact gaaacgtggg gatcagatta tggaagta 1238

```

```

<210> 1859
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (57)...(472)
<223> similar to gi337467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1859
ggcggggctc ntttgagacc tgatgaccat cattacgccc agcttggcac gagggggagg 60
acttcagcta cggcctgcag ccctactgcg ggtactcctt ccaggttgtg ggggagatga 120
tccggaaccg ggaggtgctg ccttgccccg atgactgtcc cgcttggcg tatgccctca 180
tgatcgaggg ctggaacgag ttccccagcc ggagggcccc ctttaaggac atccacagcc 240
ggctccgagc ctggggcaac ctttccaact acaacagctc ggagcagacc tcggggggca 300
gaaacaccac gcagaccagc tccctgagca ccagcccact gtgcaatgtg agcaacgccc 360
cctacgtggg gcccagcag aagggtccgc cctttccaca gaccaggtc atccccatga 420
agggccagat cagacccatg gtgccccgcg cgcagctata cgtccccgg 469

```

```

<210> 1860
<211> 511

```

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> similar to gil469866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1860  
 atagtgtcgt caacacagca ggatctgcag gaatgggtgg agcacctaca gaagcaaacg 60  
 aaggtcacgt ctgtgggaaa ccccaaccata aagcctcatt cagtgccatc tcataccgta 120  
 aggacttggg gcttctcctc cttccagact ccaggcgtgg catcccgtgg ctgagctgtc 180  
 agcaagtgat cagttgcttt aaaacctaata caatatattg ataaaaagtg caaaacactt 240  
 gcttcacatt tctctgcaga tctttggccc tcttcgtgca gtagtgaatt gttttccaat 300  
 gagtgttctc gagaaacaac cctgaattgt gcctcctcac gcacagttca gaggtgcttg 360  
 ggtgggaagc tgcttctgct ccgtgtggcc ctagaagact gatttagggg agttttacac 420  
 tcaactatag atgatttttc tgagaatttt aactgtttat tatgcttcat ttaagaaaac 480  
 aaaaaataaa tgattatgat gatgaaaagg a 511

<210> 1861  
 <211> 1149  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1150)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (14)...(794)  
 <223> similar to gi3644042 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1861  
 gggtagaaag ctcccacagt ttaagtacag aaagactgtg tggcctcgag catataatct 60  
 aaccaacttt tccagcatgt ttactgattc ctgtgactgc tctgagggct gcataaacat 120  
 aacaaaatgt gcatgtcttc aactgacagc aaggaatgcc aaaacttccc ctttgtcaag 180  
 tgacaaaata accactggat ataaatataa aagactacag agacagattc ctactggcat 240  
 ttatgaatgc agccttttgt gcaaagttaa tcgacaattg tgtcaaaacc gagttgtcca 300  
 acatggctct caagtgaggt tacaggtggt caaaactgag cagaagggat ggggtgtacg 360  
 ctgtctacat gacattgaca gagggacatt tgtttgcatt tattcaggaa gattactaag 420  
 cagagctaac actgaaaaat cttatggtat tgatgaaaac gggagagatg agaatactat 480  
 gaaaaatata ttttcaaaaa agaggaaatt agaagttgca tgttcagatt gtgaagttga 540  
 agttctccca ttaggattgg aaacacatcc tagaactgct aaaactgaga aatgtccacc 600

aaagttcagt	aataatccca	aggagcttac	tatggaaacg	aaatatgata	atattttcaag	660
aattcagtat	cattcagtta	ttagagatcc	tgaatccaag	acagccattt	ttcaacacaa	720
tgggaaaaaa	atggaatttg	tttcctcgga	gtctgtcact	ccagaagata	atgatggatt	780
taaaccaccc	cgagagcatc	tgaactctaa	aaccaaggga	gcacaaaagg	actcaagttc	840
aaaccatggt	gatgagtttg	aagataaatct	gctgattgaa	tcagatgtga	tagatataac	900
taaatataga	gaagaaaactc	caccagggnag	cagntgtaac	cggcgnacca	cttggntnat	960
ncantattna	aagagncaat	ggggttncat	attcanaaac	cccaanaggn	agttctacag	1020
gcatgtcaaa	gacagcaggt	attttgtgat	gaagagttgt	ttaatgnaaa	ccganatant	1080
tnctatcntt	ttctcnaaca	gattncanaa	gagntgagtt	ttttnatggg	nagnccacaa	1140
aaaaaaaa						1149

<210> 1862  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(1114)  
 <223> similar to gi4589582 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1862						
tttgtctttc	tgacctttgc	ctctttttatt	atagagatga	gaaagaagag	ggtatcctgg	60
gaagcatact	gttacctagt	tttcagatag	ctttgcttac	ctctgaagat	cacattaatc	120
gcaaatatgc	ttttaaggca	gcccattccaa	acatgcggac	ctattatttc	tgcactgata	180
caggaaagga	aatggagttg	tggatgaaag	ccatgttaga	tgctgcccta	gtacagacag	240
aacctgtgaa	aagagtggac	aagattacat	ctgaaaatgc	accaactaaa	gaaaccaata	300
acattcccaa	ccatagagtg	ctaattaaac	cagagatcca	aaacaatcaa	aaaaccaagg	360
aaatgagcaa	aattgaagaa	aaaaaggcat	tagaagctga	aaaatatgga	tttcagaagg	420
atgggtcaaga	tagaccctta	acaaaaatta	atagtgtaaa	gctgaattct	ctgccatctg	480
aatatgagag	tgggtcagca	tgccctgctc	agactgtgca	ctacagacca	atcaacttga	540
gcagttcaga	gaacaaaata	gtcaatgtta	gcctggcaga	tcttagaggt	ggaaatcgcc	600
ccaatacagg	gcccttatac	acagaggccg	atcgagtcac	acagagaaca	aattcaatgc	660
agcagttgga	acagtggatt	aaaatccaga	aggggagggg	tcatgaagaa	gaaaccaggg	720
gagtaatttc	ttaccaaaca	ttaccaagaa	atatgccaa	tcacagagcc	cagattatgg	780
cccgtacccc	tgaaggttat	agaacactcc	caagaaacag	caagacaagg	cctgaaagta	840
tctgcagtgt	aacccttccc	actcatgaca	agacattagg	acccggagcg	gaggagaaac	900
ggagggtccat	gagagatgac	acaatgtggc	agctctacga	atggcagcag	cgtcagtttt	960
ataacaaaca	gagcaccctc	cctcgacaca	gtactttgag	tagtcccaaa	accatggtaa	1020
atattttctga	ccagacaatg	cactctattc	ccacatcacc	ttcccacggg	tcaatagctg	1080
cttatcaggg	atactcccct	caacgaactt	acagatcgga	agtgtcttca	ccaattcaga	1140
gaggagatgt	gacaatagac	cgagacacac	gggcccacac	ccctaaggta	aaatagctgc	1200
tgattttgtg	ttaactcact	accttataaa	tgctgtgttt	tctttctagt	atactatttt	1260
aaatgtgaga	gacaaaagaa	tggggataaa	gtaagcaagg	cagctctttt	ttgttttaaa	1320
aaaaaaa						1327

09488725.012300

<210> 1863  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(658)  
 <223> similar to gi498721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1863  
 atcagagatt gcatgttggg gagaaaccct ataaatatga aaaatgtggg aaggccttta 60  
 tcagtggctc agcctttgtt aagcatggga gaattcacac tggtgagaag ccactcaaata 120  
 gtaagcaatg tggaaagact attagcggta gctatcaact tacagtacat aagagtattc 180  
 atactgggaa gaaaccatat gagtgcgggg aatgtgggaa agcttttcta gtatatggaa 240  
 agcttaccgc gcatcagagt actcacactg gtgaaaaacc ctttgggtgt gaggagtgtg 300  
 ggaaggcctt cagtaccttt tcatacctgg ttcaacatca gcgaattcat accagtgaata 360  
 aaccttacga atgcaaagaa tgtgggaagg ccttttagcac tagctcacc cttgctaagc 420  
 atcagagaat tcatactggc gagaaaccct atgaatgtaa ggagtgtggg aagtccttca 480  
 ctgtgtatgg acagcttact cgacatcaga gtattcatac tggtgagaaa ccttttgaat 540  
 gtaaggaatg tggaaaggcc tttagactta gttccttcct tcatgcacat cagcgaattc 600  
 atgcagagat aaagccctac ggatgcaagg aatgcgggaa aaccttcagt cgtgcctc 658

<210> 1864  
 <211> 865  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (60)...(586)  
 <223> similar to gi4902699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1864  
 cttgaaaccg ttataccttt gacaccattt tgcacgatga ctccagcctg tatcgaggca 60  
 ggggagtctc tccccctccc tcgcccttct tgtcagccat ccttgccgcc ttccagcccg 120  
 cagcctgtga cgatgccgag gaggcctggc gcaaccacat caaccagctt atgtgtgact 180  
 caaatggctc ctgtgtgtgt tatacatttc atgtgttctc ctccctgttt aagaatattc 240  
 agaaaagggt ctgcttccta acctgtgatg cagccagtta ccttgagat aacctccggg 300  
 gaatcggatc caaatgtgtc agctcttccc agatgctcac ctccgtctct gaatgtccta 360  
 cactttttgt ggatgccgag actctccttt catgtggact tctggacaag ctcaagttca 420  
 gtgtgttaga actgcaagaa tatttgata cctacaacaa caggaaagag gccacactct 480  
 cttggcttgc aaattgtaag gcaacatttg cagggggatc aagagatgga gtaattacct 540  
 gtcaaccagg ggactccgaa gaaaaggtaa taaaagcctg ttagaatggg tctcttgtgt 600

```

gctctaacaat tgtgtattag ttttgggtcta cccaagaagc ctggaacttg agaaaagaag 660
aggcggaatg agtcacccca aacattttaca tgaaaccaac agagtaagac agaatgcctt 720
ccagcatgac tgtgtgttga tgggatttgt ggggaggttt cttcgttttg gaaaagtaga 780
ggtataaaat aacctttttt gctggatact gtctaactat actaataatt tcctaataaa 840
tttattctta attcagaaaa aaaaaa 865

```

```

<210> 1865
<211> 801
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (15)...(738)
<223> similar to gi3879227 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1865
gggcagcctg cattgcgctg gagcagcacc tgtcccgtcg ggcagaggat gggcgctggg 60
tcgaataactt ctgcctggcc gaaggccacg tggcttccgt tgactcagtg ctgctgctcc 120
agggtgggtc actctgtctg tcgggctccc gagatcgcaa cgtcaacttg tgggacctgc 180
ggcagctggg gacggagtcc aaccaggttc tgatcaagac cttaggcact aagcgaaata 240
gtacccatga gggctgggtg tggtcactgg cagcgcagga ccaccgctg tgctccggt 300
cctgggacag cacagtgaag ctctgggaca tggcagcgga tgggcagcag ttcggcgaga 360
taaaggccag ctacgcccgt ctgtgcctct cctacctgcc tgacatcctg gtgactggca 420
cctatgacaa gaaggtgacc atctacgacc ccagagccgg cccagccctg ttgaagcacc 480
agcaactaca ctccagaccc gtgctgaccc tgctggcgga tgaccggcac atcatctcag 540
gcagcgagga ccacaccctg gtggtgggtg accgccgagc caacagcgtc ctgcagcgtc 600
tgacagctgga ctctacctg ctctgcatgt cctaccagga accccagctc tgggctgggtg 660
acaaccaggg cctgctgcac gtcttcgcca accgcaacgg ctgcttccag cttatccggt 720
cctttgatgt gggccacagc tttcccatca ctgggattca gtactccgtt gggagccttt 780
gtanaccaca ttcactgaca a 801

```

```

<210> 1866
<211> 617
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (39)...(407)

```

<223> similar to gi4914601 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1866

```
ctcttctacg tctgaatgat ataagtgcag gggatcgcat acctgcttgg acatttgata    60
tgaacacagg tgcttgggta aatcatgggc ggggaatggc caaggaacat aacaatcatt    120
taatctggac atatgatgca ccacatttgg ggtactggat agcagctcca cttccaggaa    180
ctagagggtc aggtataaat gaagattcca aggacataac tgcctaccac acagtgtttc    240
ttacagccat attaggagga acaatagtca ttgtcattgg attttttgct gtactacttt    300
gttattgcag ggacaagtgt ggtactccac agaaaagaga aagaaatata actaaacttg    360
aggtcctcaa gagagaccag acaacttcaa caacacacat aaatcatata agtacagtta    420
aagttgcatt aaaagctgag gacaagtcgc agttattcaa tgccaaaaac tcctcatata    480
gtcctcagaa aaaggaacca tcaaaggcag aaacagaaga aagagtttcc atggtaaaaa    540
ctcgggacga ttttaaaatc tacaatgaag atgtttcatt tctatcagtc aatcaaaaata    600
attactcaag aaacccc
```

<210> 1867

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(369)

<223> similar to gi5706479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1867

```
gtgacctgga tgtctgagga ggaagtactt cctgcaggac aacctgccga gggcaccacc    60
tgctgcctcg aggtcactgc ccagcaggag gagaagcagg aggatgcagc catctgcccc    120
gtgacagtgc tccctgagga gccagtgacc ttccaggatg tggctgagga cttcagccgg    180
gaggagcggg ggctgctggg cccgacacag aggaccgagt accgcatgtg gatgctggag    240
acctttgggc acctggtctc tgtggggtgg gagactacac tggaaaataa agagttagct    300
ccaaattctg acattcctga ggaagaacca gccccagcc tgaaagtaca agaatcctca    360
agggattgtg ccttgcctc
```

<210> 1868

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



<222> (932)...(527)  
 <223> similar to gi2804436 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1868

tttttttttt	ttgtgtgttt	agctttaatg	tctattaaat	aggttggaaa	aacaggccaa	60
gtgtagggac	ctgactcctg	caaagggcct	accgcagccc	tctgcactca	agcagcagcc	120
ccatccagac	caggagtgtg	ttctgttctc	ctggcaggca	gggctgatag	gtgtaggatg	180
gcgtctgttt	cctttgcagt	gtgggctggt	cagaggagaa	acagcaactt	cctgctcctt	240
ctcactgtgt	cgttggctca	ccatagacca	cgctctgcat	tccctctgat	tctctcatgg	300
ggagagccct	ggaccttctg	gtggtgtccc	agctgggtgg	gttcaaggct	gctaccccgc	360
ttggggcagc	tggcctgcag	ggaagggcca	gacggcacct	ctcagtggag	actgaatctt	420
ccttccttca	ggaggctgcc	tccagggaag	acctggggtc	cttcctgcgc	tcagcgctgg	480
ctggctgtcc	tgttcattgca	gtggaagaca	ttacagaaga	attcatacga	gaagaacatg	540
aagcctgtgg	agagggcagc	cttcagcaag	ctgggggaca	ggcccttgaa	gaagcccagg	600
gcgccttcct	tttgtagcac	ctgcttggca	cagtccatga	ggcccttgta	tctccgtacc	660
tggccaaagg	cagctctggc	atgctcaaac	cctccaacct	gtagccgctt	cttgaagagg	720
tccagcggat	atgtcagggt	cttgctgatg	acaccagctc	cactgccaca	aagcaggttt	780
tggaggttct	catttttctt	tcttctggct	ggtatggccc	acttgtacag	gtgcttcaag	840
gagctgtagc	aagagaactg	cagcccggcg	taggggaaga	tggcgatcaa	ggtgggagcc	900
aagcctttgt	agaaaaacctg	ggggccttcg	ctc			933

<210> 1869

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (34)...(978)

<223> similar to gi5824570 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1869

cggagactga	catcctcagt	tagttgtgca	ctggatgaag	ctgctgctgc	actgacacgg	60
atgaaagcag	aaaacagcca	caatgcagga	caagtggaca	ctcgcagtct	agcagaagct	120
tgttcagatg	gggatgttaa	tgctgttcgt	aaattgctag	atgaaggcag	aagtgtaaat	180
gaacatacag	aagaaggaga	aagcctgctg	tgtttggctt	gttcagcagg	gtattatgaa	240
ttagcacaag	tattgcttgc	tatgcatgct	aatgttgaag	atcgagggaa	taaaggagac	300
ataactcccc	tgatggcagc	ttccagtggg	ggttacttag	atattgtgaa	attattactt	360
cttcatgatg	ctgatgtcaa	ctcccagtct	gcaacaggaa	acactgcgct	aacttatgca	420
tgtgctggag	gatttgttga	cattgttaaa	gtgctcctta	atgaagggtc	aaatatagaa	480
gatcataatg	aaaatggaca	tactccctta	atggaagcag	ccagtgcagg	tcattgtggaa	540
gttgcaagag	ttcttttaga	tcatggtgca	ggcatcaaca	ctcattctaa	tgaattcaaa	600
gaaagtgctc	taacacttgc	ttgctacaaa	ggccatttgg	atatggttcg	ctttctactt	660
gaagctgggtg	cagatcaaga	gcacaaaaca	gatgagatgc	acactgcctt	aatggaggcc	720
tgcatggatg	gacatgtaga	ggtggcacgt	ttgcttttgg	atagtgggtc	tcaagtgaac	780

```
atgcctgcag attcatttga atctccattg acgctagctg cctgtggagg acatgttgaa 840
ttggcagctc ctactttatt gaaaggggga gcaaattcttg aagaagacaa tgatgaagga 900
tacactccct tgatggaagc tgcccgggaa ggacatgaag aaatggtggc actactctta 960
gcacaaggag caaatataaa ttcccagaca gaagaaactc aagaaactgc tcttactttg 1020
gcttgctg 1028
```

```
<210> 1870
<211> 492
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(494)
<223> similar to gil542813 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1870
gaccatagtc catgtggtgg aattccctgc caatgtgcac ctcatcaact ccgggggtggg 60
cgtgactgcc ctgcagctgc cttcggccac tgccccagga aacttcctcc tggccaaccc 120
tgtgtctggc agccccatcg tgacgggtgt ggccgtgcag cagggaaga tcatcctcac 180
cgccaccttc cccaccagca tgctcgtctc ccaggtcctg ccgccagccc ccggcctggc 240
cctgcccactg aagccagaga cggccatctc cgtgcctgag ggaggcctcc cgggtggccc 300
cagccctgct ctcccagagg ctacgcctc aggcaccctt tctgcacagc agccaccccc 360
cgccgctgcc accacctcca gcaccagcct gtccttctcc cctgactccc ctggcctcct 420
gcccaacttc ccggcgcccc caccagaggg gctgatgttg tcacccgcgg ccgtgcctgt 480
ctggtcagca gg 492
```

```
<210> 1871
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (375)...(1105)
<223> similar to gi5821434 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1871
aagtcagtct gttcttactg aatttcttct cttgaacttt ctgtttattc cttattttgg 60
acacagtaga caattttgct caatttcact tctgcctttc ttgggttcag gtttggtacc 120
aataattggt aaagctgatg taattctaag tttttctcat ccagcgcata ggaaagcttg 180
```

cctataggta	tctgatttaa	ttatTTTTgaa	tagtcaatgg	gctaaccaag	gagaagatga	240
ggggatcaaa	tatctgatgt	ttaaattaaa	ctagtattca	tctctttact	ttaaatttgg	300
tctcttaaag	gtctcgcat	ttgtttcatt	tgtagtgcc	cagtttcagg	attaatggta	360
ttctttcctt	tcaggcttta	aatgaagaaa	ttgttaatag	aaagaagaat	gtagatcaag	420
ctattaaaaa	tggtcaggct	cttctaaaac	aaaccacagg	tgaggagggtg	ttacttatcc	480
aggaaaaact	agatgggtata	aagactcgtt	acgcagacat	cacagttact	agctccaagg	540
ccctcagaac	tttagagcaa	gcccggcagc	tggccacca	gttccagtct	acttatgagg	600
aactgaccgg	gtggctgagg	gaggtggagg	aggagctggc	aaccagtgga	ggacagtctc	660
ccacagggga	acagataccc	cagtttcagc	agagacagaa	ggaattaaag	aaggagggtca	720
tggagcacag	gctgggtgtg	gacacagtga	atgaggtgag	ccgtgctctc	ttagagctgg	780
tgccctggag	agccagagaa	gggctggata	aacttgtgtc	cgatgctaac	gagcagtaca	840
aactagtcag	tgacactatt	ggacaaaggg	tggatgaaat	tgatgctgct	attcagagat	900
cacaacagta	tgagcaagct	gccgatgcag	aactagcttg	ggttgctgaa	acaaaacgga	960
aactgatggc	tctgggtcca	attcgccctg	aacaggacca	gaccacagct	cagcttcagg	1020
tacagaaggc	tttctccatt	gacattattc	gacacaaaga	ttcaatggat	gaactcttca	1080
gtcaccgtag	tgaaatcttt	gg				1102

<210> 1872  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (273)...(413)  
 <223> similar to gi5931718 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1872	
cccacgatat	gaaagcattc attggagatg tggcccagta cttttgtggt ttattttatt 60
tttatatcta	aatctttgat ctacctggaa tgtggcagtc cagattgttt ttctcagaca 120
ggcggccagt	tgtgccaaacg ccattcttttg ccacttaggt gaaatatgtc ttttatcata 180
aactaaactt	ccaggccagc tttgacctgg cattggatgg cagccccagg ctcccagcac 240
ttgtcctctc	ttctctccag gtgaccgaga gcgagcccag cgtgatgtgg ctctcggggc 300
tgacatccc	tgagtcttac ctacggcgc tgggtgcaggc cacctgccgg aagaacggct 360
ggccactgga	ccgctccaca ttgttcacac aagtgcacaa gttccaggat gcagat 416

<210> 1873  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (337)...(750)  
 <223> similar to gi4877552 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1873

tttccagagc	taagaacaca	aagtcataaa	ggtgaaggag	gagaaggctg	gggtaggaaa	60
gctggaccac	actaaccaca	ggaggagatt	tccggatcag	aaagaatgcc	ctcctatcca	120
cattgggctt	ccagtaccca	cttaccctca	aagaaaaact	gaccagaagg	gacatctttc	180
aggcctgcaa	aaagtccact	ggggcctgcg	gccagaccag	ccacagcagg	aactgactgg	240
cccagggagt	ggggcaagca	gccaggacag	cagcatggat	cttatcagca	ggactcggtc	300
ccagctgct	gagcagctcc	tgggcctgtc	ttgagcagg	tcttcgggtg	cctgtgtctg	360
gatatcaaga	ggaagttgcc	ctgggtccca	agtgacttct	atgatggctt	ccacattcag	420
tccatctctg	ccatcctatt	catctacctc	ggctgtatca	ccaacgcgat	cacctttggt	480
gggcttctgg	gggatgccac	cgacaattat	cagggagtga	tggagagctt	cctgggcact	540
gccatggctg	gctccttggt	ctgcctcttc	tggggacagc	ctctcatcat	tctcagcagc	600
acggggccca	tcctcatctt	tgagaagctc	ctcttcgact	tcagcaaagg	caatggcctg	660
gactacatgg	agttccgcct	ctggattggc	ctacactcag	ctgtccagtg	ccttatccta	720
gtggccacag	atgccagctt	tatcatcaa				749

<210> 1874

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (488)...(611)

<223> similar to gi5081610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1874

ccctctctct	gcctgcagtc	tgtttctgct	gtacctcttc	aattctggac	tgtgctcttc	60
tagggagact	agatgtatgc	accacccaga	aactgccagt	agagagcacc	ctacaggcat	120
gacttggcag	ctaggccatg	tttatttccc	ttggtggggc	acccgacagg	cagagtttat	180
tcctctagct	tgggggtggc	agtgggtggg	gtagtgctag	gggttactgc	aggcagggtt	240
ctgtttcttt	gcatcccggg	actggcttgc	tctcaccttt	ttgttctgtc	cctctctgtg	300
tatttacttt	ctctcttttt	gcattgttct	cagccttcca	tctgcatctc	ttcatctctg	360
cctctcttgc	ctgcatttcc	tcaatcttga	ttgtccctgc	ctcttccctc	gccattccct	420
ctcttccccc	tcagtctgtg	gctctgcctc	cctgtctcac	tctccctata	actggcctct	480
ccctgctcag	accttccctg	acgagctgca	tgagacaggg	cagctgcact	ctatgtccac	540
ctggatggag	ctatatccag	cagtcagcac	tgatgtccgc	tttgccaaca	tgctgggcca	600
gccgggtaag	gcagccaggc	tcccccttct	ctggcctggc	ttcctgcccc	gccagcctct	660
ctgcgaattc	caccacactg	actaagggtc	ttc			693

<210> 1875

<211> 434  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(429)  
 <223> similar to gi675458 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1875  
 gcgggtggaat tccaaaggac caggcagcct gtgcagacca agtttttacac agacgccatg 60  
 gtgggtcttcc atcacgtcaa cgcctacgaa gaggacggct gcatcgtgtt tgacgtcatt 120  
 gcctacgagg acaacagcct ctaccagctc ttctacctgg ccaacctgaa ccaggacttc 180  
 aaggagaact ccaggctcac ctccgtcccc accctcagga gggttgccgt gccctccac 240  
 gtggacaaga atgcagaagt gggcacaaat ttaatcaaag tggatatctac aacagccacg 300  
 gccctgaagg aagaagatgg ccaagtctac tgccagccgg aatttcttta tgaaggctta 360  
 gagcttcac ggggtcaatta tgctcacaat ggaaagcaat accgatatgt ctttgctaca 420  
 ggagttcagt ggag 434

<210> 1876  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(447)  
 <223> similar to gi438371 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1876  
 acacttttgc tgccgcagct gccgctgtgt gtcgtactca gtccgccgta agtcagcaaa 60  
 tgcagcgtct ggaacaactc gttgggaaaag aactgttcgc tcgtcacggg cgcaacaaac 120  
 tgtaactga acatggcatt caacttcttg gttacgccag gaaaatcctg cgttttaatg 180  
 atgaggcctg ctcatcatta atgttcagta atcttcaggg cgtattaact atcggtgctt 240  
 cagatgaatc tgccgatacg atcttacctt tcctgttaaa tcgcgtgagt tcggtttatc 300  
 cgaaattagc gctggatgtc cgcgttaaac gtaatgccta tatggcagaa atgctggaat 360  
 ccaggaagt ggatttgatg gtaaccaccc atcgtccttc agcgtttaag gcattgaacc 420  
 tgcgtacctc gccaacacac tggctagggt actcaa 456

<210> 1877  
 <211> 470

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (16)...(471)  
 <223> similar to gi342116 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1877  
 aagtgtccca actgaactcg agtcactgtg gcggaattcg tccaagctac tgtgccagtc 60  
 ttcatctaca ccagtagcct ccagttagcc gggcccaact cctacaagga aatcattgag 120  
 aatgcccata aagaagactt tctggaaaac acatgggtctg ctccatatcc atacagcaaa 180  
 aagcttgctg agaaggctgt gctggcagct aatgggtgga ctctgaaaaa tggatgatacc 240  
 ttgtacactt gtgccttaag acccatgtat atctatgggg aaggaagccc atttcttact 300  
 gccaatataa atgaggccct gaacaacaat gggatcctgt cgagtgtcag caagttctcc 360  
 acagccaacc cagtctatgt tggcaacgtg gcctggggcc acattctggc cttgagggcc 420  
 ttgcgggacc ccaagaaggc cccaagtgtc ctaggacagt tctactatat 470

<210> 1878  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (65)...(460)  
 <223> similar to gi311946 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1878  
 cgaggaattc gctgggaggt aggcgcgggg cggtcggctg cggtggcggc gtttgatga 60  
 ttgtctctcg gcggcgaggt cggatactgt ggcgtatgag gacctgtctg aggactatac 120  
 tcaaaagaaa tggaaaggct tcgcactcag tcagagagcc ctgcactgga acatgatgct 180  
 ggaaaatgac cgtagcatgg cttctttggc aggttagaac atgatggaga gttcagagct 240  
 gactccgaag caggaaattt ttaaaggatc agagtcactt aatagcacat cagggggact 300  
 ctttgggggt gtccctgggg gaacagagac tggagatggt tgtgaagata cttcaaaga 360  
 gttagaaggga caaccctcaa atgaagaagg gagcagacta gaaagtgatt tcttggaat 420  
 aatagatgag gataagaaaa aatccacaaa agacagatat g 461

<210> 1879  
 <211> 704  
 <212> DNA



09408723.04100  
001210"52288460

<210> 1881  
<211> 377  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (56)...(289)  
<223> similar to gi4140400 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1881  
cataatgtat agtattttctc ctgccaaactc tgaggaaggc caggaaacttt atgtctgcac 60  
agtcaaggat gatgtgaact tggatacagt acttctccta cccttttttga aagaaatagc 120  
agtaagccaa ctggatcaac tgagcccaga ggaacagttg ctggtcaagt gtgctgcaat 180  
cattggtcac tccttccata tagatttgct gcagcacctc ctgcctggct gggataaaaa 240  
taagctactt caggctttga gagctcttgt ggatatacat gtgctctgct ggtctgacaa 300  
gagccaagag cttcctgctg agcccatatt aatgccttcc tctatcgaca tcattgatgg 360  
aaccaaagag aagaaga 377

<210> 1882  
<211> 438  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (7)...(382)  
<223> similar to gi2314829 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1882  
gaaaatgttg agccatttctg acaaaaaactg tccatgataa tcaaagagga gaaactgtgt 60  
ctagctcagc tatacagtgg ggatgaaaca gacctctttt ggaagtcaat gccagaaaat 120  
tctcaggcaa gtaggaaaga tatctgccta ccagggaaga aaataaaca agaaagggtg 180  
tctgcctttt tatgtgcaaa tgcagacgga actcataaat taaagtcaat cattattgga 240  
aaatcaaaaac tgcccaaaaag tgtgaaagag gacacaagta cattgcctgt gatataataa 300  
cccagtaaag atgtttgggt caccagagaa ttgttttcag aatgggtttt tcaaaacttt 360  
gttcctgagg tccgacattt tcaacttaat gttctaagat tcatgacga ggacgtcagg 420  
gcatgttact tttgacag 438

<210> 1883  
<211> 1019



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (210)...(545)  
 <223> similar to gi211610 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1883

ccttgggag	ctaccgctgc	aagtgccggg	aaggctacat	ccgggaagat	gatgggaaga	60
catgtaccag	gggagacaaa	tatcccaatg	actctggcca	tgagaagtct	gagaacatgg	120
tgaaagccgg	aacttgctgc	gccacatgct	aggagtctta	ccagatgaag	caaaccgcgc	180
tgacgtgaa	gcacaagata	gctctgctcc	ccaacaatgc	agctgacctg	ggcaagtata	240
tactggtga	caaggtgctg	gcctcaaaca	cctaccttcc	aggacctcct	ggcctgcctg	300
ggggccagg	ccctcccgcc	tcaccaggac	caaagggaag	cccaggcttc	cccgggtatgc	360
caggccctcc	tgggcagccc	ggcccacggg	gctcaatggg	acccatggga	ccatctcctg	420
atctgtccca	cattaagcaa	ggccggagg	gccctgtggg	tccaccagg	gcaccaggaa	480
gagatggttc	taagggggag	agaggagcgc	ctgggcccag	agggctctca	ggacccccctg	540
gttctttcga	cttctgtcta	cttatgctgg	ctgacatccg	caatgacatc	actgagctgc	600
aggaaaagg	gttcgggcac	cggactcact	cttcagcaga	ggagttccct	ttacctcagg	660
aatttccag	ctaccagaa	gccatggacc	tgggctctgg	agatgaccat	ccaagaagaa	720
ctgagacaag	agacttgaga	gccccagag	acttctaccc	atagcacatc	ccaacaccgt	780
cacgcaaag	gaagagaaa	atcaactcac	ctgcagttaa	accatctaaa	gagaagaaa	840
accactggag	acctagaaaa	catacatctt	tctcttctct	tctcctgacg	tctctccact	900
cctcttcttc	caaatacgat	gctattttca	gagtcacctc	ctaggcctgc	agacatgagg	960
gagtgaatga	ttgatttacc	tgcttctcac	taagagtcca	ttggggagg	ttgcatagt	1019

<210> 1884  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(477)  
 <223> similar to gi6002478 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1884

gacaagtgtg	gcaaagggtt	cagtcacaac	tcgtaccttc	aagctcacca	gagagttcac	60
atggggcagc	atctgtacaa	atgtaacgtg	tgtggtaaga	gtttcagtta	cagctcagg	120
cttctcatgc	atcagagact	gcacacagga	gagaaaccct	acaaatgcga	gtgcgggaag	180
agctttggcc	ggagctccga	cctccacatc	catcagagg	tccacacagg	agagaaaccc	240
tataaatgca	gtgagtgtgg	gaagggtctc	cggcggaatt	cagaccttca	cagccaccag	300
aggggtccca	cgggagagag	gccctacgtg	tgtgacgtgt	gtgggaagg	tttcatctac	360
agctccgacc	tccttatcca	tcagagggtc	cacactggag	agaaacccta	ttaatgtgct	420

gagtgtggca aaggcttcag ttacagctca gggcttctca ttcaccagag agtcca

476

<210> 1885

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(377)

<223> similar to gi3880799 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1885

ttttttaagc	aattttccaa	attttcagca	tgatattaat	atttcttcat	caaataaaat	60
catttcttcc	cggggcttca	ttcagacaac	agatgtttct	tcctcagcca	aaaagaaaat	120
attgttattc	caattacgac	gcatagctga	agactgtcaa	attcccctaa	tggtgtataa	180
ccaggcattt	atatattttg	atcagtatgc	tgcaatatta	gaagacactg	ttagaaaatgt	240
attggttgca	tcagcagcta	tgttcattgt	ttccttattg	ttaatccctt	atccattgtg	300
ttccttggtg	gtgacttttg	ctatcggttc	tgtgattgta	ggggtaacgg	gtttcatggc	360
attctggaaa	gtcaa					375

<210> 1886

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(417)

<223> similar to gil469870 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1886

ggcacgagaa	ctggagacag	gccctccact	gtgaacaagc	ttttgcagct	tcccagcacg	60
accattgaaa	atatctctgt	gtctgtccac	cagccacagc	ccaaacacat	caaacttgct	120
aagcggcgga	tacccccagc	ttctaagatc	ccagcttctg	cagtggaaat	gcctgggttca	180
gcagatgtca	caggattaaa	tgtgcagttt	ggggctctgg	aatttgggtc	agaaccttct	240
ctctctgaat	ttggatcagc	tccaagcagt	gaaaatagta	atcagattcc	catcagcttg	300
tattcgaagt	ctttaagtga	gcctttgaat	acatctttat	caatgaccag	tgcagtacag	360
aactccacat	atacaacttc	cgtcattacc	tcctgcagtc	tgacaagctc	atcactgagt	420
tctgctaata	caataacaat	ggg				443

<210> 1887  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (11)...(390)  
 <223> similar to gi5019544 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1887  
 ggcacgaggt aatattttat acatggatga atcagccagt gcagattcaa tcaggatatg 60  
 tgattttggg tttgcaaaac aacttcgagg agaaaatgga cttctcttaa ctccatgcta 120  
 cactgcaaac tttgttgac ctgaggttct tatgcaacag ggatatgatg ctgcttgtga 180  
 tatctggagt ttaggagtc ttttttacac aatgttggct ggctacactc catttgctaa 240  
 tggccccaat gatactcctg aagagatact gctgcgtata ggcaatggaa aattctcttt 300  
 gagtgggtgga aactgggaca atatttcaga cggagcaaag gatttgcttt cccatatgct 360  
 tcatatggac ccacatcagc cgtatact 388

<210> 1888  
 <211> 503  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(504)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (340)...(453)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1888  
 tggccctcga ggccaacaat tcggcacgag gaaannnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnatc ctgaagcatt tcatcaaaga 360

attgtaacag	gagatgaaac	atggcttctc	cagcatgatc	ctgaagaaaa	agcacatttc	420
aagcaaagca	gaccagtcca	gagcaaaggt	tggagaggct	ctagtgacaa	ctcactcttg	480
tctcatggtc	acgaattcct	ggt				503

<210> 1889  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(724)  
 <223> similar to gi2315451 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1889	
ggcacgagga	tatgtcatcg ccaggcttag aattgccatc ttgtgaatta agtcgccttg 60
aagaaattgc	agaacttgtg gcatcatctt taccttcacc tcttcgctcg gaaaaacttg 120
cactggcact	agaaaatgag gggttatatta aaaagctcct ggagcttttt catgtgtgtg 180
aagatttgga	aaatattgaa ggactgcacc acttgtatga aattatcaaa ggcatctttc 240
tcttgaatcg	aactgctctt tttgaagtta tgttctctga agaatgtata atggacgtca 300
ttggatgttt	agaatatgat cctgctttat cacaaccacg aaaacacagg gaatttctaa 360
caaaaacagc	caagtttaaa gaagtgattc ccataatcaga tcctgagctg aaacaaaaaa 420
ttcatcagac	atacagagtt cagtatatac aagatatggg tctaccaact ccttcggtct 480
ttgaagaaaa	catgttatca acacttcact cttttatctt tttcaataag gtagagattg 540
ttggcatggt	gcaggaagat gaaaaatttc tgacagattt gtttgacaa ctaacagatg 600
aagcaacaga	tgaggaaaaa agacaggaat tgggttaact tttaaaagaa ttttgtgcgt 660
tttcccaaac	gctacagcct caaaacagag atgctttttt caagactttg tcaaacatgg 720
gcatattacc	agcttttaga gtcaccttg gcatggatga 760

<210> 1890  
 <211> 621  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (235)...(343)  
 <223> similar to gi3149950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1890	
ctcatcctta	aagtgcacaga gtaaattaac tctaaggccc catccaggac tcaagctgtg 60

tgattttaca	aaaatgaaaa	ttatattaat	aatcccattg	taaaatccca	aaagaaagtc	120
aagagactag	cagaaagaca	ggtgggtgat	gggatgtcct	ggacagagcc	tggatcatga	180
ggtcccatg	tagtgcttgt	actacgcaga	tgtttcctct	tgagctattt	taaagggtgtg	240
gaaaaagcca	aagcaatgcc	ctctccacgg	atactaaaga	ctcacctttc	cactcagctg	300
ctgccaccgt	ctttctggga	aaacaactgc	aaggtaagat	accaacagct	ccctgtgaca	360
gaagggaag	taagccaacc	aaagcgagtc	ctgcagaccc	caacgcagag	cattcgtgat	420
cacctttgcc	tctccactgt	ctctgatgct	taccagcaaa	gagaaaacat	aaagttctac	480
attcagcagg	acattcacct	gaacagtttc	aaataggaca	tgaaggcagg	atccagattg	540
aatgtttgga	gggaactaga	gacatgggga	ggcagtgagt	gcagtaagcg	tagctgtgaa	600
atgaagggga	gaagatggtg	g				621

<210> 1891  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(274)  
 <223> similar to gi984814 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1891						
tatgaatcgt	cacagcactg	agaaaaccca	cctatgtgac	atgtgtggca	agaaattcaa	60
atcaaaagg	acactgaaaa	gtcacaaact	ccttcacact	gcagatggga	agcagtttaa	120
gtgcacggtg	tgtgactaca	cagcggccca	gaagccacag	ctgctgcggc	acatggaaca	180
gcatgtctcc	ttcaagcctt	tccgctgtgc	ccattgccat	tactcctgca	acatatctgg	240
ctctctgaag	cggcactaca	acaggaagca	ccctaattgag	gagtatgcca	acgtgggcac	300
cggggagctg	gcagcggagg	tgtcatcca	gcaaggtggt	ttgaagtgtc	ctgtttgcag	360
ctttgtatat	ggcaccaa	at	gggagttcaa	taggc		395

<210> 1892  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (49)...(378)  
 <223> similar to gil934912 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1892

```
ctatggaccc gcagctcatc ccctgctcac cacctggcct ctccttttct ctgtgtgcag    60
atctggcagt gtggtggggg tctggaaaca caccatgtt cccatgttgg ccatgttttc    120
ccaagcaag ctccctactc ccgcaacaag gctctggcca acagtgttcg tgcagctgaa    180
gtatggatgg atgaatttaa agagctctac taccatcgca acccccgtgc ccgcttgga    240
ccttttgggg atgtgacaga gaggaagcag ctccgggaca agctccagtg taaagacttc    300
aagtggttct tggagactgt gtatccagaa ctgcatgtgc ctgaggacag gcctggcttc    360
ttcgggatgc tccagaa                                     377
```

<210> 1893  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(213)  
 <223> similar to gi3880999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 1893
atgcgaattg ctagcatcag caaaagtctc accatggttg ctcttgccaa attgtgggaa    60
gcagggaaac tggatcttga tattccagta caacattatg ttcccgaatt cccagaaaaa    120
gaatatgaag gtgaaaagggt ttctgtcaca acaagattac tgatttccca ttttaagtga    180
attcgtcatt atgaaaagga cataaaaaag gtgaaagaag agaaagctta taaagccttg    240
aagatgatga aagagaatgt tgcatttgag caagaaaaag aaggcaaaag taatgaaaag    300
aatgatttta ctaaatttaa aacagagcag gagaatga                                     338
```

<210> 1894  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(707)  
 <223> similar to gi5834394 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 1894
aggcgctggc ctatgctgaa gtggctggac tcccggccca gtatggcctc tactctgcct    60
tcatgggctg cttcgtgaat ttcttcttgg gcacctcccg ggatgtgact ctgggccccca    120
ccgccattat gtccctcctg gtctccttct acaccttcca tgagcccgcc tacgctgtgc    180
tgctggcctt cctgtccggc tgcattccagc tggccatggg ggtcctgcgt ttggctcaca    240
```

tctccctca	tctctgga	ctgggtggag	ccgggaccag	ctcgatgtcc	cctcttggt	300
ggccagggtt	cctgctggac	ttcatttcct	accccgcat	taaaggcttc	acctctgctg	360
ctgccgtcac	catcggtttt	ggacagatca	agaacctgct	gggactacag	aacatcccca	420
ggccgttctt	cctgcagggtg	taccacacct	tcctcaggat	tgacagagacc	agggtagggtg	480
acgccgtcct	ggggctggtc	tgcatgctgc	tgctgctggt	gctgaaactg	atgcgggacc	540
acgtgcctcc	cgtccacccc	gagatgcccc	ctggtgtgcg	gctcagccgt	gggctgggtct	600
gggctgccac	gacagctcgc	aatgccctgg	tggtctcctt	cgcagccctg	ggtgcgtact	660
ccttcgaggt	gactggatac	cagcctttca	ttctaacagg	ggagacagct	gag	713

<210> 1895  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(563)  
 <223> similar to gil825636 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1895	
atcagataat	agtgatata
gctagataaa	aaggaaaaat
catacaggaa	gaaaaaaaat
cttatccctt	aaagaaaaaa
agataaaaaa	gataaagata
tcaaataaat	agcttactca
accagcatca	aaagataccc
gacaagtttt	gaacgaatgc
acataaggaa	aaaattaagc
acttaaaata	aaaaaaaaaa
	a
	60
	120
	180
	240
	300
	360
	420
	480
	540
	561

<210> 1896  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(421)  
 <223> similar to gi5912208 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 1896
ataattttaga ttgtggactt agttacaggg ttattttctta ccttaaaaaa ctcagccaac    60
agaccaaact agagtcagaa cgaatactag catcagtggg gaagaaacct cccagggaaa    120
ttggaattaa agtgaaaaat cattctggag gtggcatgtc cttgactcac aataaaaatt    180
ttagaaaaact attgaaagaa atcacagggg aaactgcact tagactgaca gaattgaaca    240
ccaaagaatt tgctggcttc caaattgggc tcttaaaca ggaattgaaa cctcagacat    300
acagaaatgc ttatgatatt ccccgtagag gtctttttaga ccagctgacc agaattgagat    360
ccaatctgct gaaaacgcac aagttttattg ttggacaaga tgaagattcc cttcatag    418

```

```

<210> 1897
<211> 851
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(854)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1897
aaccatcaga tccagagggt gcaggagatc ccatatttcc accggggcca ccttcttgcc    60
cagaagttaa agataaaaacg aagtcaagca tctcactagg atggaaacct ccagccaaag    120
atggtggcag cccaatcaaa ggatacattg tagaaatgca ggaagaaggt actactgact    180
ggaaaagagt aaatgaacca tacaaactta taactacctg ggaatgtggg gggcctaatac    240
tgaaagagct caggaagtac agattcagag tgaaagctgt caatgaagct ggtgaatctg    300
aaccaagtga tacaactggg gagatccctg ccactgatat tcaagaggaa ccagaagttt    360
tcattgacat tggagcacag gactgtctgg tttgtaaagc tggctcacag attaggattc    420
ctgctgtcat caagggacgc ccaacaccaa aatcatcttg ggaatttgat ggaaaggcaa    480
agaaagcaat gaaggatgga gttcatgaca taccggaaga tgcacagctg gagactgctg    540
aaaactcctc agtaattatt attccggagt gtaaaccgat tcatacaggc aaatacagca    600
tcacagccaa gaataaagca ggacaaaaga ctgcaaattg cagagttaaa gtcattggatg    660
taccaggccc acccaaagat ctgaaagtca gtgatatac aaggggtagt tgcagacttt    720
catggaagat gccagacgac gatggaggag acaggatcaa aggctatgtt attgagaaga    780
ggactattga tggaaaagcc tggaccaaag tcaatccaga ctgtggaagc accacatttg    840
tagtgccctga g                                         851

```

```

<210> 1898
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = a,t,c or g

```



<220>  
 <221> misc\_feature  
 <222> (541)...(1)  
 <223> similar to gi4589520 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1898  
 cgcatcagca tccttgctgc tgccgatgct ggaatggcta gtgatgctgt tgaggcttga 60  
 gatgctatct gaggagtttt gtctcttgat ccgaagtctt ttgggtgtgg tttctgaggc 120  
 attaaaggct ccctgaatga ctgcctgggc ctgagagttc tttttcttca gaaagtctat 180  
 ggttttctcg aaatccagca gctcagtgtc cttctcctcg gccgtctctg ccagggtgtcg 240  
 caggcgggat gtcataattca ccaggctctg ctcaaaagca gccaccagat tagcattggc 300  
 agaaagctga gacgtcaagg tggccacttt ttcttgaggat gattccagtt ccctacgaag 360  
 cttccggatt tgctcagatt gcatcctctc ctgagctgag gagtaggtgg aggaggcact 420  
 ggaggccagg gacagcactg agccgtgaac atcgtccgtg ggggtctcgga aggatcctga 480  
 ccgaatcatt cccttgggtc tctcggccag ggacagggtg ctcccccgga cgcgtgggtc 540  
 gaccgggaat ccgngnccgg cctcaggcga tcaacnaggg tttcaattnn ttnntctnng 600  
 tca 603

<210> 1899  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (50)...(240)  
 <223> similar to gi2143260 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1899  
 accgggacga cccacgcgtc cggaatttta attctattat atatgcagac tttctaaaga 60  
 agataaagct tttttatggg agaaacgtta ttattgcttc aaacacccaa attgtcttcc 120  
 taaaatatta gcaagcgccc caaactggaa atgggttaat cttgccaaaa cttactcatt 180  
 gcttcaccag tggcctgcat tgtaccact aattgcattg gaacttcttg attcaaagta 240  
 agtcaaatac atttatttgc tcttgtttta ttgtcagttt ttccagtaag gtatgttgcc 300  
 agaagtattt cctttccttt taacatgaaa gcaattcaat ataatccaaa tgtgtaaatg 360  
 tatatttata caaacatatc ttctgcattg aagttgtcaa taaagcattg catgt 415

<210> 1900  
 <211> 737  
 <212> DNA



acttgaggag	gcaatgcagg	ctgccgttca	gtaccaggat	ggactgcagg	cggtatttga	780
ctgggtagat	attgcagggtg	gtaaaattagc	ttcaatgtct	ccaattggaa	cagatctcga	840
aactgtcaag	cagcagattg	aagagctaaa	gcaatttaag	tctgaggcct	atcaacagca	900
gatagaaatg	gaaagact					918

<210> 1902

<211> 610

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(613)

<223> similar to gi407139 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1902

tcgcggacgc	gtgggtttct	ggtgaagggtg	gaacgtctat	aaccaactta	caatttatgg	60
gggaagcctt	taagagtatc	catgagaagg	tatcaaaaaat	atcagaaaact	aggaaatcag	120
atcaaaaaaac	cactgagtca	acagtaacca	gaaaaaactga	acaaaaagct	cctgaaccaa	180
tttcctcaaa	accagtaatt	gttactgggt	tgcaggatac	aactgtttct	tcagacagtg	240
ttgctaaatt	tgcagttaag	gctactggag	aacccccggcc	aactgccatc	tggacaaaag	300
atggaaaaggc	cattacacaa	ggaggtaaat	ataaactctc	tgaagacaag	ggaggggttct	360
tcttagaaat	tcataagact	gatacttctg	acagtggact	ttatacttgt	acagtaaaaa	420
attcagctgg	atctgtgtcc	tctagctgca	aattaacaat	aaaagctata	aaagatactg	480
aggcacagaa	agtctctaca	caaaagactt	ctgaaattac	acctcagaag	aaagctgttg	540
tccaagagga	aatttcccaa	aaagccctaa	ggtctgaaga	aattaagatg	tcagaggcaa	600
aatctcaaa						610

<210> 1903

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(752)

<223> similar to gi5732618 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1903

tcatgacctt	tgaactctat	gaggaatttc	ttcgagctat	gggccttcag	gagaggaagg	60
agacaatccg	tggtgtatac	tctgtgattg	atcaactctc	ccgaactcat	ctcaatacac	120

```

tggaacgcct catctttcat ctagtcagga ttgctctgca ggaagacact aatcgaatgt 180
ctgctaatagc tttggccatt gtgtttgcg cctgcattct ccgctgccct gacaccactg 240
accactaca aagtgtacag gacatcagta agactaccac ttgtgtggaa ctgattgttg 300
tggaacaaat gaataaatac aaggctcgtc tcaaagatat cagtagcttg gaatttgctg 360
agaataaggc aaagaccagg ttgtcactga ttcgtagatc aatgggaaag gggcgtattc 420
gtcgaggaaa ctatccaggt ccatcgtctc ctgttgtagt tcggttgcc tctgtgtctg 480
atgtctcaga ggagaccttg actagtgagg cagccatgga gactgacatc acagaacagc 540
agcaagcagc tatgcagcag gaggagagag tactgactga gcagattgag aacctacaga 600
aggagaagga ggagctaaca tttgagatgc ttgtactgga accccgtgcc tctgatgatg 660
aaacccttga gtctgaggcc tccattggga ctgctgatag ctgagagaat ttgaatatgg 720
agtctgaata tgctatctct gagaaatcag gtaagtgaac atggtagacc aaagactcca 780
gatttgtttt gcaaaggagg aataaagatt ccaaaactaa gacaaagtct tttaaa 836

```

```

<210> 1904
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(399)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1904
aattcgtaat gctgcccatg aagatggtgg aatttattct ttaacagtgg agaattctagc 60
tggttcaaaa actgtctcag taaaagtact tgtattagat aaacctgggc cacctagaga 120
tctggaagtc agtgaaatta ggaaagattc atgttccctt acttggaag aaccactgga 180
tgatggtggt tctgttatta ccaattatgt gggtgagagg agagatgttg ccagcgccca 240
gtggtcacct ctctcagcta catcaaagaa aaagagtcac ttcgctaagc atctgaatga 300
aggcaaccag tacctcttcc gagtagctgc ggagaaccag tatggacgtg gtccttttgt 360
tgaaacacca aaaccaatca aggctttgga tcctctc 397

```

```

<210> 1905
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(422)
<223> similar to gi407139 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1905

atcaatacag	acctaaatgg	cgtattccta	aactgtccca	agatgatctt	gagatagtga	60
gaccagcccc	ccggcgtaga	ccttctcctg	attatgactt	ttactaccga	cctagaagac	120
gttctcttgg	ggacatctct	gatgaagaat	tactcctccc	cattgatgac	tacttagcaa	180
tgaaaagaac	agaggaagag	aggctgcgtc	ttgaagaaga	gcttgagtta	ggtttttcag	240
cttcaccccc	aagtcgaagc	cctccacact	ttgagctttc	tagcctacgt	tactcttcac	300
cacaagctca	tgtcaagggtg	gaggaaacaa	gaaaagactt	caggtattca	acctatcaca	360
tccaacgaa	ggctgaagct	agtacaagtt	atgcagaact	gagggaacgg	catgcccag	419

<210> 1906

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(772)

<223> similar to gi407139 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1906

agtaactata	actgtccacc	cagagcctca	tgtaacatgg	tataaatcag	ggcagaaaat	60
caaaccagggt	gacaatgaca	agaagtacac	atttgagtca	gacaaggggtc	tttaccaatt	120
aacaatcaac	agtgtcacta	cagatgatga	cgctgaatat	actgttgtgg	caaggaacaa	180
atatggtgaa	gacagctgta	aagcaaagct	gacagtaacc	ctacaccac	ctccaacaga	240
tagtacctta	agacccatgt	tcaaaagggtt	actggcaa	gcagaatgcc	aagaaggcca	300
aagtgtctgc	tttgagatca	gagtgtctgg	catccccca	ccaacattaa	aatgggagaa	360
agatggtcag	ccactgtccc	tcgggcctaa	cattgaaatt	atccatgaag	gcttggatta	420
ttatgctctg	cacatcaggg	acactttgcc	tgaagacacg	ggttattata	gagtcacagc	480
cactaacaca	gctgggtcca	ccagctgcca	ggctcaccta	caagtgaac	gcctgaggta	540
caagaaacag	gaattcaaga	gtaaggagga	gcatgagcga	cacgtacaaa	aacaaattga	600
caaaaccctc	agaatggctg	aaattctttc	tggaactgaa	agtgtaccac	tgacacaggt	660
agctaaagag	gctctgagag	aagctgctgt	cctttataaa	ccggctgtaa	gcaccaagac	720
tgtaaaagggt	gaattcagac	ttgagataga	agaaaagaag	gaggagagag		770

<210> 1907

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(807)

<223> similar to gi407097 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 1907
cgacccacgc gtccgagaac gccacggcc aggcctcctc cttcgccaat ttcctcgtcc 60
gcacttacct ggggaaggat gctggcttcg attcagagat cttcaaaaga tcgacgtttg 120
gccccagcgt ggaattcacc tcggtgctga agccagtctt tgctcgtgag aaggaaccct 180
tctccctgtc atgcttggtt tcggaagatg tgtagatgc tgagagcatc cagtgggtcc 240
gagatgggag cctactgagg tcctcgagac gtcggaagat cctctacaca gaccgccagg 300
catccctgaa ggtgtcctgc acctacaagg aggacgaggg gctctacatg gtccgggtgc 360
cctcgccctt cggaccccgg gaacagagca cctacgtgct tgtgagagat gccgaggccg 420
agaaccccgg ggccccaggc tccccactga acgtccgatg cctggatgtg aacagagact 480
gcctcatcct gacttggggc ccgcccagtg acaccgggg caaccccatc actgcctaca 540
ccattgagcg gtgccagggc gagtctgggg aatggatcgc ctgccatgag gcccccgag 600
ggacttgtcg gtgcccatac caaggcctcg tcgaagggtc gagctatcgg ttccgggtga 660
gagccatcag cagggtaggc agcagcgtcc cctccaaggc ctacagagttg gttgtcatgg 720
gtgaccatga tgcagcccgg aggaagacag agatccctt tgatctggga aacaagatca 780
ccatcagcac agacgctttt gaagatactg tgg 813

```

```

<210> 1908
<211> 1279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1182)
<223> similar to gi5821434 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1908
agaattttct attctgctcc agaaagccga agaacatgaa gagtcacaag gtcctgttgg 60
tatggaaacg gagactatta atcagcagct taacatgttc aaggatttcc agaaagaaaa 120
gattgaaccc ttgcaaggta aacagcaaga tgtaaactgg ttaggtcaag gccttattca 180
gagtgtctgc aaaagcacta gcactcaggg cttggagcat gacctggatg atgtcaatgc 240
acggtggaag actctcaata agaagggtgg tcagcgagca gccagctgc aggaggcctt 300
gctgcactgt gggagggttc aggatgccct ggagtccctg ctacagctga tgggtggacac 360
tgaggagctt gtggccaatc agaagcccc gtcggctgag ttcaaagtgg taaaggccca 420
gatacaagaa caaaagcttc tccagagatt gttggatgac cgaaaatcta cgggtggaggt 480
aatcaaacga gaaggagaaa aaattgctac aacagcagag cccgcagata aagtgaagat 540
tttgaacag ctcatgtctt tggatagcag atgggaggca ttgcttaata aagctgaaac 600
aaggaatcgt cagttggaag gtatctcggg ggtagcacag caatttcatg aaaccttaga 660
accactgaac gagtggctta caaccataga aaagaggctg gtgaattgtg aacctatagg 720
aaccacagca tctaaacttg aggaacaaat tgcacagcac aaagccttag aagatgacat 780
catcaatcac aataaacatt tacaccaggc tgtagcatt ggccagtcct taaaggtttt 840
gagctccagg gaggataaag atatggtgca gagtaaatta gacttctctc aagtatggta 900
cattgagatt caagagaaaa gtcacagcag gtctgagctc ctccagcagg ccttatgtaa 960
tgctaagatt tttggggaag atgaagttga actgatgaac tggctgaatg aagtgcata 1020
caaactgagc aagctctcag tccaggatta cagcactgaa gggctatgga agcagcagtc 1080

```

tgaacttcag	gttctgcaag	aggacatctt	actcaggaaa	caaaatgtag	atcaggccttt	1140
actaaatggt	ttagaactac	ttaaacaac	cacaggtgag	atatctttca	aatcacatca	1200
tcatgtggtc	agcattttat	attgttttca	aaatatttta	gggatgggaa	aaaaccaaaa	1260
cactttataa	tttttggtg					1279

<210> 1909

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> similar to gil212992 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1909

aagcgagcca	tgtttgaatg	tgaagtttct	gaacctgaca	tactgtaca	gtggatgaaa	60
gatgaccagg	aactgcagat	cacagacaga	ataaagattc	agaaggagaa	atatgtccac	120
cgccttctga	tcccatccac	ccggatgtct	gatgctggga	agtacacagt	ggtggcagga	180
ggcaacgtgt	caactgcaaa	actctttgta	gaaggcagag	atgttcgcat	ccgaagtatt	240
aaaaaggagg	ttcagggtcat	tgagaaacag	cgtgctgttg	ttgaatttga	ggtcaatgaa	300
gacgatgttg	atgccactg	gtataaagat	ggcattgaaa	tcaatttcca	agttcaagaa	360
cgacacaaat	atgtagtgga	aagaagaatc	caccgaatgt	ttatctctga	gaccagacag	420
agcgatgcag	gagaatacac	ctttgtggca	ggaagggaaca	ggagtctctgt	cactctctat	480
gtcaatgctc	ctgaaccgcc	ccaagttctg	caggagctcc	agcctgtcac	tgtgcagtct	540
ggcaagcctg	cccgttctg	tgccatgata	tccggaagac	cacagcccaa	aatttcctgg	600
tacaaggaag	agcagctgct	ttccactggc	ttcaagtgca	aatttcttca	tgatgggcaa	660
gagtacacgc	ttttgcta	tgaagccttc	ccagaggatg	cggcagtc	tacctgtgaa	720
gccaagaatg	actatggtg					739

<210> 1910

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(467)

<223> similar to gi3327216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1910

```

gtgaggacct gactgtggcc ctgcaagcag aggaactgac cctccagcag ctgggcaccg      60
tgggactctg gcagttcctg catggacagt gcccaggtag atgctttcag gaatcctcaa    120
ctttgaagac tggccacatc aggccagctg tgggccttcg ctttgagggtg gggcctggag    180
cagctgttca ttccccctg gcctcacaaa atggcttcct acatttattg cttcatggct    240
gtgacctcga gctgctcact tcagtgtcga gtggcctggg gcccttcttg gaggatgagg    300
agatcccggg ggtagtcccc atgcagattg agcttctgaa ctccagcatc accctaaagg    360
atgatatccc ccccatctat ccaacatctc caggcccat ccccatcact ctggccatgg    420
aacatgttgt gctgaagagg agtgatgatg gtgtgttcca cataggcgct gctgctcagg    480
acaaaccatc agctgaagta cttaaaagtg agaagagaca gccccaaaaa gaacagggtgt    540
ttttggtgcc cacaggagag gtttttgaac agcaggtgaa agaactgcct atcctacaaa    600
aagaacttat agaaactaaa caagccttgg ccaatgccaa ccaagataag      650

```

```

<210> 1911
<211> 815
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (27)...(389)
<223> similar to gi4164366 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1911
gcggccgcaa cgtctgcaag ttgcgctgac acagcggcta cagcagctac agcctcagcc      60
gcgcgcggga cggcgcggcc ctggccaccg cgcgcgcctc gccccggcag gaaaaggatg    120
cgctccact tagcaaggct gggcaggatg tgggtctgca tctgccaca gacgggggtg    180
ttctagacgg cgcgcgagagc acagatgacc acgccatcgt ccagtatgag tgggcactgc    240
tgagggggga cccgtcagtg gacatgaagg tgccatcaatc aggaacctg aagctgtccc    300
acctacagga gggaacctac accttcacagc tgaccgtgac ggacactgcc gggcagagaa    360
gctctgacaa cgtgtcagtg acagtgtctc gcgcagccta ctccacagga ggatgttttg    420
cacacttgct cacgtacca cttcttctgt gacgatggct gctgcattga catcacgtc    480
gcctgcgatt ggagtgcagc agtgtcctga tgggtctgat gaagacttct gccagaatct    540
gggcctggac cgcaagatgg taaccacac ggcagctagt cctgccctgc caagaaccac    600
agggccgagt gaagatgcag ggggggtgact ccttggtgga aaagtctcag aaagccactg    660
cccaaacaac gccacctgca ttatcaaaca cagagaagag gaatcattcc gccttttggg    720
gaccagagag tcaaatcatt cctgtgatgc cagatagtag ttctcaggg aagaacagaa    780
aagaggaaag ttatatattt nagtcaaagg gtgat      815

```

```

<210> 1912
<211> 338

```



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(339)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (338)...(245)  
<223> similar to gi307095 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1912  
ggtaaagtca gcaggcacag ccttagctct catgggctta aaaattgggt ggagtacaaa 60  
aataaccaga caagtatctg agaaagccaa gctgtgctaa aggttactaa cagacacatg 120  
aatctgtgac agcttatgag aggaaagttg atttcagatg ggaggggagg gagcgcttcc 180  
cacaagaggg gttgatcatg ctgagatatg aaggacaggt aggagctggc cactgcagaa 240  
aggaaggctc catcaaattc aaggccaagg cctccagggt cctgaagtgc tgctgcagca 300  
cgnggttctc aaagctgtca cttctgtatg gtgaagcg 338

<210> 1913  
<211> 663  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (256)...(664)  
<223> similar to gi3628757 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1913  
gcttcatttt tactttgttt ttaaactgta aagtggggat aatgactgtt cccatcttag 60  
agagtcaatg ggcaaatcca gtgagaaaat gtatgtaaaa tatttagctg agttcctgac 120  
gtaattcata tgattaatgg taagaagagg ttgtcactat tgcttttcaa atgactattt 180  
cttgaggtta gatgcgtaat tagatcatgt tgatatgact aattttgagt tcaagttaac 240  
cttaaccaca cttctatctt atttcagatt tttgggtttc tgatatgctt gggaattatt 300  
cttgcaatag gaaattcaat ctgggagagt caaactgggg accaattcag aactttcctc 360  
ttttggaatg aaggagagaa gagctctgtg ttctccggat tcttaacatt ctggtcatat 420  
attattattc tcaatacagt tgtaccatt tccttatatg tgagtgtgga agtaattcgt 480  
ctaggacaca gatattttat aaactgggac cggaagatgt attattctcg aaaagcaata 540  
cctgcagtgg ctgcaacgac cagctcaat gaggaactgg ggcagattga gtacattttc 600  
tccgacaaaa cgggtaccct cactcaaaac atcatgacct ttaaaagatg ctccattaat 660  
ggg 663



tggccgtgga	ttgcgaagac	cggcgctact	gcttccagat	caccacgccc	aatggaaaaat	360
cggaataat	cctccaggct	gagagcagaa	aggaaaatga	agagtggata	tgtgcaataa	420
acaacatctc	cagacagatc	tacctgaccg	acaaccctga	ggcagtcgcg	atcaagttga	480
atcagaccgc	tctgcaagca	gtgactccca	ttacaagttt	tggaaaaaaa	caagaaagct	540
catnnnccgg	cgc					553

<210> 1916  
 <211> 1684  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (118)...(566)  
 <223> similar to gi3875451 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1916	
attcgtgtc	tccacgcatg aggagacgtg taggggcccgt gttcggccct ggtgaactct 60
cacccgagcg	gtttctcttt ccgggacaac atggcgccgt ccacgcccgt cttgacagtc 120
cgaggatcag	aaggactgta catggtgaat ggaccaccac attttacaga aagcacagtg 180
tttccaaggg	aatctgggaa gaattgcaaa gtctgtatct ttagtaagga tgggaccttg 240
tttgccctggg	gcaatggaga aaaagtaaat attatcagtg tctaatacaa gggactactg 300
cactccttcg	acctcctgaa ggcagtttgc cttgaattct cacccaaaaa tactgtcctg 360
gcaacgtggc	agccttacac tacttctaaa gatggcacag ctgggatacc caacctataa 420
ctttatgatg	tgaaaactgg gacatgtttg aaatctttca tccagaaaaa atgcaaaaat 480
tggtgtccat	cctggtcaga agatgaaact ctttgtgccc gcaatgttaa caatgaagtt 540
cacttctttg	aaaacaacaa ttttagtatg gaaagattta tgacataatt ttattactta 600
ctgtaatcgt	atacagtttc cattaacttt tatgacatca tagggttttc ctaaatactg 660
ttaatctatt	aatcaataat tactcttaca tacatttgca taattcttta taagtctgaa 720
ttcagtgaaa	atctgtaaca caaaggtttt cttttacaat aactttttat tatctgggta 780
attgctatta	agacatttga atatcttttc ctggaattta attgctattg aaattctgtg 840
acacaaattt	tttagatatt ttatcgtgta gaattttaaa cttcagacac ctagtcttag 900
taaccatcag	cttgtggcca atcttatctc atccatacat ctctccagct accatctctt 960
actaagttaa	agcaaatccc agatatgggt atactttttat atacttgtaa aatatgtaat 1020
tgtaaatatt	tcagagtaga tttctgaaga ttggggccct tcatTTTTTT aacttagcca 1080
caaaaccatt	atcacaattt attaaatatg tgttcaaatt tctactaatt gcaaatgtta 1140
caattttttt	taaaactcgg gatccaaata aggtactgca cattgtgggt gattgatata 1200
tcttttatgt	ttcttttggc cctataagtt cccactctat ctgttatTTT attcttcata 1260
atttattgtt	taagaaacaa ggttatTTTg ctttcacgtt ttcccatagt ttgaattttg 1320
cttttgtatc	ccatgggtata atttaacatg ttcatctgtc ccctataaat tgcaagttgg 1380
ctctagagtt	tcagcttcag gttctTTTT aggtgagtaa gggtaagact acattataag 1440
gtgatgttca	cttctTTTTt caagaagcac ataatgtctg gttgtcttta attttgtagg 1500
cttagctgac	attaatgttt catgcctgga tgcattatTT catcagtggt tgcaaatgtt 1560
tgatactctg	gttttttctc cctcacttat ttttcagctg tactgcttct ataaagaaaa 1620
atttccccct	ctactattttg gttacctagt gctgcattta tatagaaaag gcgggataaa 1680
tatt	

[illegible][illegible][illegible]

<210> 1919  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(326)  
 <223> similar to gi4731584 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1919  
 tggataataa atctgaagtt cagttgtggc tgttaaagag aattcaggta cccattgaag 60  
 atatacttcc ttcaaaagaa gaaaaaagca agaccccacc catgttcctg tgcatacaag 120  
 tgggaaaacc aatgagaaaa tcctttgcca ctcacactgc agccatgggc cagcagtagc 180  
 gcaaacggag aaagcagcca gactactggc ttgctgttcc tcgggagagg gtggatcatt 240  
 tgtacacatt ctttgttcag tgggtctccg atgtctatgg aaaagatgcc aaagagcaag 300  
 gctttgtggc ggtggagaag gaagaactga acatgattga caacttcttc agtgagccaa 360  
 caaccaag 368

<210> 1920  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (263)...(385)  
 <223> similar to gi840693 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1920  
 agcacaataa aagaaaccct atactaggca aattattatg aaatttgttt taggacacca 60  
 gaaataaaga taatatctaa aaacttttta gaatcgccca ggagggatta ggaatatgaa 120  
 tagcatctaa cttgttggca gtagaattga aggtagaagg tggtaaaaca tcaccttgaa 180  
 agttttgcat tcagcctaga attctgtatc cagttaaacc atcaatcaag tgtgaaagta 240  
 gggggaaaaa ctcaaggact aaaaaaatgt gctcatgaag aacatttttt ttggacatta 300  
 cccagaagta gaagaagctg atggcaacaa gcagtgggtg ttgggtgggt gatgtgacct 360  
 cactccaaca tacttgaatc aag 383

<210> 1921  
 <211> 582

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (37)...(394)  
<223> similar to gi5689407 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1921  
aatgatccag tacgggtcaaa gttttgtaaa atacgtgttt tgtgccacac gcttgctagg 60  
aacatgggtgt atattttaac aatcactacc cccttgaaga gctctgactc aagaaagcgg 120  
aaggctgtga ttctgactgc aagggtccat ccaggggaaa ccaacagctc ttggatcatg 180  
aaaggcttcc tagattatat tttaggaaac tcaagtgatg cacagttgct tcgggacact 240  
tttgtcttca aggtggtacc catgctgaat ccagatgggtg tgattgtggg aaattatcgc 300  
tgttccttag ctggacggga tttaaaccgt aattatacat ctctcctgaa ggaatctttt 360  
ccttctgtat ggtatacccg gaacatgggt cataggtaaa ataagcctca aattacctct 420  
gtgcttattt agtaaacttg gtagtaacaa ttttgctccc acaatctcat tcattttact 480  
gtaacttctc aagatagtct aactactgta taactacttt attttttccc cgttattcac 540  
aactgtgatt ctataccttt ctgtcattat gccactggat tc 582

<210> 1922  
<211> 916  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2)...(918)  
<223> similar to gi485858 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1922  
ttttgataag aggcaacatg aagcaagaat ccagcaaagt gagaatgaaa ttcactat 60  
gcaagaaaat ctaaaaagta tggaggaaat ccaaggcctt acagatctcc aacttcagga 120  
agctgatgaa gagaaggaga gaattctggc ccaactccga gagttagaga aaaagaagaa 180  
acttgaagat gccaaatctc aggagcaagt ttttggttta gataaagaac tgaagaaact 240  
aaagaaagcc gtggccacct ctgataagct agccacagct gagctcacca ttgcaaaga 300  
ccagctgaag tcccttcatg gaactgttat gaaaattaac caggagcgag cagaggagt 360  
gcaggaagca gagagggttca gcagaaaggc agcacaagca gccagagatc tcacccgagc 420  
agaagctgag atcgaaactc tgcagaatct cctcaggcag aagggggagc agtttcgact 480  
tgagatggag aaaacagggtg taggtactgg agcaaactca caggctcctag aaattgagaa 540  
actgaatgag acaatggaac gacaaaggac agagattgca aggtctcaga atgtactata 600  
cctcactgga agtgacaaca aaggaggctt tgaaaatgtt ttagaagaaa ttgctgaact 660  
tcgacgtgaa ggttcttata agaattgatta cataagcagc atggcagatc ctttcaaaag 720  
acgaggctat tgggtacttta tgccaccacc accatcatca aaagtttcca gccatagttc 780  
ccaggccacc aaggactctg gtgttggcct taagtactca gcctcaactc ctgttagaaa 840

accacgccct gggcagcagg atgggaagga aggcagtcaa cctccccctg cctcaggata 900  
ctgggtttat tctccc 916

<210> 1923  
<211> 359  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (281)...(361)  
<223> similar to gil763238 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1923  
tgtccatggg atgtgttaaa tctctatcat atgtctgtaa aaattcttat ttgtaaaatt 60  
tgtagttcta ttgaagatga aaattgcttt taagggaact cattaatctt caaaatttcc 120  
atatcattgt caaaagttgt gttataggaa aagattggaa aagggtttgt aagcatcctc 180  
tgaattacta tttttgccac tagatcttct aaatgattaa tgaagtttga aatatttagt 240  
gtttaggga tacaagtaat ctttcgcttt tctcttttca ggggtagact taaagtctga 300  
aacagaaggt ttcagtgcac caagcagtcc aaatgactta ctcgaaaacc tcactcaag 359

<210> 1924  
<211> 561  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(562)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (2)...(545)  
<223> similar to gi2739105 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1924  
cttagctatc gccatcacc gcttctatac aaagaggctg accttttgga cgtgtctggc 60  
tgtgatctgt atgggtgtgga ctctgtctgt ggccatggca tttcccccggt gtttagacgt 120  
gggcacttac tcattcatta gggaggaaga tcaatgcacc ttccaacacc gctccttcag 180  
ggctaattgat tccttaggat ttatgctgct tcttgctctc atcctcctag ccacacagct 240

```
tgtctacctc aagctgatat ttttcgtcca cgatcgaaga aaaatgaagc cagtccagtt 300
tgtagcagca gtcagccaga actggacttt tcatggtcct ggagccagtg gccaggcagc 360
tgccaattgg ctagcaggat ttggaagggg tcccacacca cccaccttgc tgggcatcag 420
gcaaaatgca aacaccacag gcagaagaag gctattggtc ttagacgagt tcaaaatgga 480
gaaaagaatc agcagaatgt tctatataat gacttttctg tttctaacct tgtggggggcc 540
cctacctggt nggcctgtta t 561
```

```
<210> 1925
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(486)
<223> similar to gi337485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1925
ggggtgtggc caagggcacc acccccttga aaaccgtagt agcatgacta tcgccaagct 60
tggcacgagg ccagagcatg aggccacag tgttgtgcca atggaggatg ttgcctggga 120
gtacaagtgg gaacttcatg aggcctcga acatctgaag aaagagcaag aagaggcctg 180
gaagcttgaa gttggtgaaa ggaaacgaac tgccacctgg aagatacagg tggaaacccg 240
aaaacagagt gttgtatggg agtttgaaaa ataccagcga ttactagaga aaaagcagcc 300
accacatcgg cagctggggg cagaggtagc agcagctctg gccagcctac agcgggaggc 360
agcggagacc atgcagaaac tggagttgaa ccatagcgag ctcatccagc agagccaggc 420
cctgtggagg atgattgcag agttgaaaga gaggtcgcag aggcctgtcc gctggatggt 480
gcag 484
```

```
<210> 1926
<211> 866
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (85)...(867)
<223> similar to gi500714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1926
gggggacttt gagatgtgtg aatattcatc agcatttgct tgtggaacgc tcacctctgc 60
tttttactct tgccgaaaga ctgtattgat caagtgatga aactacagaa tctgtttgta 120
```





```

<400> 1928
ggcaagaagc cactgggcta ggtacttcaa cccaaccctt gacatctagc gcatcgtctc 60
ttactggttt cagtaactgg tcagcagcga tagcgccctc ctctcttaca ataatcaatg 120
aagatgcaag tttctttcac cagggagggg tccctgctgc ttcgggctaata aacggtgctc 180
tggtgtttca aaatttcccc catcatgtca gccctggctt tggaggcagc ttctctcctc 240
agatcgggcc tctctcacag caccacccac atcaccctca tttccagcat catcacagcc 300
agcatcagca gcaaaggagg tctcctgcca gtcccatcc cccacccttc acacatagaa 360
atgctgcttt taaccagctg cctcatttgg cgaataatct taacaaaccc ccctctccgt 420
ggagcagcta ccagagtccg tcaccaacac cctcctcttc ctggagcccg ggcggtggtg 480
gatattggtg ctggggagggt tccaaggcc gagatcaccg cagagggctg aatggtggaa 540
taacgcccct gaactccatc tcgcctttga agaaaaatct tgcaagcaat catattcagc 600
tccagaagta tgctcgcccc agctctgcct ttgcacctaa atcctggatg gaagatagct 660
tgaacagggc tgacaacatt tttccttttc cggatcgccc caggacattc gacatgcaat 720
cactggagag ttactcatt gacataatga gagctgaaaa tgataccatt aaagggcagt 780
cttcactgtt tccaatggaa gatggattct tgga 814

```

```

<210> 1929
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(303)
<223> similar to gi2745727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1929
ggcctcgtgc cacttacacc aatggcattg acatgaacat ggtcctaaag ggtttcccag 60
aatgcttaca agcagacatt tgtctacatc tcaaccagac attgctgcaa aactgcaaag 120
cctttcgggg ggcaagtaaa ggttgcctta tagctttggc aatgaagttc aaaaccaccc 180
atgcacctcc aggagacacc ctcggttact gtgggggatgt cctcactgca ctttatttct 240
tatccagagg ctccattgaa attctcaaag atgacattgt ggtggctatt ctgggtgagt 300
gttttataag tgcatggtga cagattcagt tattagcttg taatgcatag attaaaatga 360
ttaggaaaaa aagactgatg tatgtattca taagaacagc ttaagatggt g 411

```

```

<210> 1930
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (65)...(585)  
 <223> similar to gi3878400 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1930

aggggacctg	cagtcggagg	aggctgtggg	gactgggtcc	aaccgcccct	tgccacaca	60
gtccctgcag	tcactgtcgg	tggcagactc	ccggctgaag	cttcgcacca	gcatacctcat	120
caatgccctg	ggcagcaaca	cctgcctggc	caaggtggat	ctgagcggca	atggcatgga	180
ggacatcggg	gccaagatgc	tgtctaaggc	cctgcagata	aactcctccc	tcagaactat	240
cctatgggat	cggaacaata	catctgccct	gggcttcctg	gacatcgcaa	gggccctgga	300
gagcaaccac	acgctgcgct	tcatgtcctt	ccccgtgagc	gacatctccc	aagcctatcg	360
cagcgcgcct	gagcgcaccg	aggacgtctg	gcagaagatc	caatggtgct	tagtgaggaa	420
caaccactcc	cagacgtgcc	cccaggagca	ggccttcagg	ttgcagcagg	gcctggtgac	480
cagcagcgcc	gagcaaatgc	cgcagcggct	gtgtggacga	gtgcaggagg	aggtgcgggc	540
cctgagactg	tgccccctgg	agcctgtgca	ggatgagcta	ctctacgctc	gggaccttaa	600
taaagatgcc	aagaactccc	gggcggggag	ccctccacag	gctacccttc	ccctgaagtc	660
tggagaacct	aagaaggccg	accatgctaa	gccatgacag	ccctgcct		709

<210> 1931  
 <211> 522  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (21)...(522)  
 <223> similar to gil65506 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1931

tacgcgcagc	ttggcacgag	ggcaagtttg	gggcagtctg	tacctgcatg	gagaaagcca	60
caggccttaa	gctgtcagcc	aaggtcatca	agaaacagac	tcccaaagac	aaggaaatgg	120
tgttgctgga	gattgaggtc	atgaaccagc	tgaaccaccg	caatctgatc	cagctgtatg	180
cagccatcga	gactccgcat	gagatcgccc	tgttcatgga	gtacatcgag	ggcggagagc	240
tcttcgagag	gattgtggat	gaggactacc	atctgaccga	ggtggacacc	atggtgtttg	300
tcaggcagat	ctgtgacggg	atcctcttca	tgcacaagat	gagggttttg	cacctggacc	360
tcaagccaga	gaacatcctg	tgtgtcaaca	ccaccgggca	tttgggtgaag	atcattgact	420
ttggcctggc	acggaggtat	aacccaacg	agaagctgaa	ggtgaacttt	gggacccccag	480
agttcctgtc	acctgaggtg	gtgaattatg	accaaattct	cg		522

<210> 1932  
 <211> 696  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(455)

<223> similar to gi4583423 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1932

ggccaggcct	gggaccctgt	tgggaacttt	taatgccatg	gatccagaca	gccagataag	60
atatgaactg	gttcatgacc	cagcaaattg	ggtcagcgtc	gacaaaaact	ccggagtggg	120
catcacctg	gagccaattg	accgagaatc	ccctcatgta	aataacagtt	tttatgtaat	180
catcattcac	gctgttgatg	atggcttccc	accgcagact	gctacaggga	ccctaatagct	240
cttcctgtct	gacatcaatg	acaacgtccc	gactctccgg	ccacgttccc	gctacatgga	300
ggtctgtgag	tctgctgtgc	atgagccctt	ccacatcgag	gcagaggatc	cggacctgga	360
gccgttctct	gacccattta	catttgaatt	ggacaatacc	tggggaaatg	cggaggacac	420
atggaagtgt	gggagaaatt	ggggtgagtt	tttgtattgg	ttacgggcaa	agagtggaaa	480
atgccagata	tccaattcaa	acagatttag	gcaaaaaagg	actttattag	cttaaaaaac	540
cggagagggtc	tgcgttctg	cagagctggc	tctaggtgct	caaaggatat	ccctggatat	600
ccttcccaca	catggctctg	ctttctctag	gttccttctt	ttttaggaaa	ctctcctcct	660
cacggggtag	gaggctgctg	ggagtccctg	agacat			696

<210> 1933

<211> 205

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(193)

<223> similar to gi2058536 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1933

cgcaccttct	cttctctctg	ctactctggc	tcccagacac	caccggagac	actgtgttga	60
cgcagtctcc	agccaccctg	tctttgtctc	caggggagag	agccaccctc	tcttgccggg	120
ccagtgaag	tgtgggagac	aactgcttag	cctggtctca	ccagacacct	ggccaggcta	180
agcagttgtc	gcgtcgacgc	ggccg				205

<210> 1934

<211> 726

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (400)...(544)  
 <223> similar to gi2665742 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1934

ctttctacag	aaccaaaaaac	acagaagttg	agtaataaga	aaggaagtaa	tactgacact	60
cttagaagag	tactgttaac	acaagcaaag	gtaactatac	taaacatttt	taaagatcag	120
tggaagagcc	agtctttttc	ctagatttca	gttagataat	tgtttaacttt	gtctcaatta	180
aaaaattttg	gttacttaaa	tttttgcac	attatttgca	tatctttgag	acaacaaaaa	240
tttgcctttt	tttagnnnnn	nnnnngtgg	ggggatctaa	aagattctta	tatgtaaata	300
caaataattac	agagaaagt	aatatgatag	ccaaaatgtg	gattatgagg	atacaaatcc	360
attaactgat	tactggcaaa	atcagaacaa	tccaatgaca	gcagagctca	aatcaattt	420
gcagcagtaa	ataccccaca	gaaagaaaact	tctcagattg	atggaccatc	tttaaacaa	480
acttacggtt	tcaaagtcag	catacaaaaac	ttacaggagg	caaaaagctt	acatgaggta	540
aaactgcaac	agtaaggaca	catacattgg	gttcagttta	actcctgttt	tattctataa	600
aacaagtatg	gaattttttt	aacaaggagg	gagtatatgt	aattctatcc	tattaatcct	660
catcttggtc	tcattttact	attttggata	tttacatggt	tatgtacaat	acataaaact	720
aaagct						726

<210> 1935  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (242)...(393)  
 <223> similar to gi3015538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1935

cccattctgg	gcaagccact	agcttgtact	gaatggctct	tcccaccaac	actgacacat	60
tgccgtacaa	gattgacttt	cttgacctat	tggcagcctc	tgcagctatt	tggcccaaaa	120
taactttgtc	attatgcact	gccccattgg	aagcatcact	cttttaccta	tagcacttca	180
tctgccta	tctctgaatc	ttcatccgca	gaacttcaag	gtagaatttg	ctttaaattg	240
tgagtttgtt	cctgttgaat	ttcatgaaat	ccggcaagtg	aaagccagtt	ttaagaagct	300
gatgagggct	tgtatcccaa	gcaccatccc	tactgactca	gaagtgcact	tcctgaaagc	360
gctgggagat	tctgagtgg	tcccacaggt	aatgtctgaa	gcagcttctt	tctttataac	420
tcaaagaaac	ggacgcgtgg	gtcggccgg	cgacgtgctc	atcgaggcgc	tcgaaaaacc	480

```

<210> 1936
<211> 1203
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1150)
<223> similar to gi4337110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1936
cccaacatcg cgatagtacc caaggacggg acgggatggg caaacaagca ggatcagcaa      60
gacccaaaga gttccagtgc gacggcctct cagccgccgg agtcgctgcc gcagccgggt      120
ttgcagaaat ctgtctccaa ttgacagaaa ccgacacagt caatcagtca ggagaatata      180
aattcagtgc caggtggacc aaagtcattg gcacagctga atggaaagcc agtaggacac      240
gaaggtggtt taaggggctc aagccgactg ttatccttct ctcccagga atttccgacg      300
ctgaaagcag ctggagggca ggacaaggct ggcaaagaaa agggcgtctt agatctgtcg      360
tatgggccag gaccaagcct ccgccctcag aatgtgacaa gctggaggga gggcggtggg      420
cgacacataa tttctgccac gtctctgagc acctcccaa ctgagctggg cagcaggaac      480
tcgagtacgg gagatggagc cccctcctcg gcatgtacca gcgattctaa ggacccctct      540
ctccgccggg ctcagcctgt ccgaaaaggg gcttcacagt tcatgggaaa tgtataccac      600
ccacctacat accatgacat gcttctctgt tttatgtgtt cgccgaagtc atcagaaaac      660
caggttacag tggaacgagg ctcttttccc ctctctcagc tccgccttga acctcgagtt      720
ccttttagac agttccagat gaatgaccaa gacggaaaag aaaacaggct gggattgtct      780
cgcccactcc gccactaag gcagctggtg gagcgggcac cacggccac cattatcaat      840
gcggaaaacc tgaaggcct tgacgatctg gacgccgatg ccgatgatgg ctgggcaggc      900
ctccatgaag aagtggacta ttctgagaaa ctgaagttca gtgatgatga agaggaggaa      960
gaagtgtgta aggacggcag gccaaagtgg aacagttggg accctaggag gcagcggcag     1020
ttgtcaatga gctctgcaga cagtgcggac gctaagcggg ctcgagagga agggaaggac     1080
tggtgctgaag cagtgggtgc gtcccgtgtg gtccgaaagg cgccacctc cccacgccct     1140
cccctcccct gctgcagggg ctctggagag aaacaataaa gagattcaca cacaaaaaaa     1200
aaa                                                1203

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```

<210> 1937
<211> 1325
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1326)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (3)...(1328)  
 <223> similar to gil944455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1937

ccaggaagcc	cactgtaatt	cgaattccag	ccaaaccagg	aaaatgttta	catgaggatc	60
cacaaagtcc	acctcctctc	cctgctgaaa	aacctattgg	aaacactttc	agtacagtat	120
ctggaaagct	cagtaatggt	gagagaacta	gaaacttgga	atccaaccac	ccaggtcaaa	180
caggagggtt	tgtgcgagta	cccccaaggt	tgccaccgag	acctgtgaat	ggaaaaacca	240
ttccaactca	acagcctcca	accaaggtgc	cccctgagag	accacctccc	ccaaagcttt	300
ctgcaaccag	aagatcta	aagaaactgc	cttttaatcg	atcctcttct	gacatggatc	360
ttcagaaaaa	acaaagtaac	ttggcaactg	gactctcaaa	agccaagagt	caagttttta	420
aaaatcaaga	tccggtgcta	ccccctcgtc	ccaaaccagg	acaccctctc	tacagtaa	480
acatgctgtc	tgtgcctcat	ggaattgcca	atgaagatat	tgtctctcaa	aaccccgagg	540
aactctcttg	taagcgtggg	gatgtacttg	tgatgctgaa	gcagacggaa	aataattact	600
tggagtgcc	aaagggagaa	gacactggca	gagttcacct	gtctcaa	aatg	660
ctccacttga	tgaacatctt	agaagcagac	caaaccctt	ttctccccct	aaggntccaa	720
gccacgctca	gaagcctgtt	gacagtgggtg	ctcctcatgc	tgtcgttctt	catgatttcc	780
cagcagagca	agttgatgat	ttgaacctca	cttctggaga	aattgtttat	cttctggaga	840
agatagatac	agattggtac	agagggaa	act	gtagaaacca	gattggcata	900
actatgtcaa	agtgattatt	gatatccag	aaggaggaaa	tgggaaaaga	gaatgtgttt	960
catctcattg	tgttaaaggc	tcaagatgtg	ttgctcgggt	tgaatatatt	ggagagcaga	1020
aggatgagtt	gagtttctca	gagggagaaa	ttattattct	taaagagtat	gtgaatgagg	1080
aatgggccag	aggagaagtt	cgaggcagaa	ctgggatttt	ccccctgaac	tttgtggagc	1140
ctggtgagga	ttatcccacc	tctggtgcaa	atgttttaag	cacaaaggta	ccactgaaaa	1200
ccaaaaaaga	agattctggc	tcaaactctc	aggttaacag	tcttccggca	gaatgggtgtg	1260
aagctcttca	cagttttaca	gcagagacca	gtgatgactt	atcattcaag	aggggagacc	1320
ggatc						1325

<210> 1938  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (62)...(724)  
 <223> similar to gi3873789 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1938

cgacccacgc	gtccgagcga	gactccgtgg	gcgtatgacc	ctccgagcca	gtctatTTTT	60
caggagcatt	gaactgacca	gttatgttta	tatctgggag	aactacaggc	tgttcaattt	120
gccttgggat	tctccatgga	cttggtattc	agccttctta	ggagttgact	ttggctacta	180
ctggttccat	cgtatggctc	atgaagttaa	tattatgtgg	gccggacacc	aaacacatca	240

tagttctgaa	gactataact	tatccacagc	actgagacag	tctgtcctcc	agatatatac	300
ttcctggatt	ttctactctc	ccctggccct	cttcataccc	ccttcagtat	atgctgttca	360
tcttcaattc	aatcttcttt	accaattttg	gatccataca	gaggtcatca	ataaccttgg	420
tcctttggaa	ctgattctta	atactcgtag	ccatcatagg	gttcatgatg	gcagaaatcg	480
ttattgcata	gacaaaaatt	atgctggtgt	tcttattatt	tgggataaaa	tttttggggac	540
atttgaagca	gaaaaatgaaa	aagttgtata	tggcttaaca	catcccatta	atacatttga	600
accaatcaaa	gtgcagttcc	atcacttatt	ttccatatgg	actacattct	gggccacacc	660
tggattcttc	aataagtttt	ctgtcatatt	taagggaccg	ggatggggtc	caggtaaacc	720
aagacttggg	ctcagtgaag	aaattccccg				749

<210> 1939  
 <211> 563  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(564)  
 <223> similar to gi4324436 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1939	
agcgccaagg	gggacaaagg
gtccgcacaaa	acagcagaga
tacgccttta	agttcttcat
aagggttaacc	ggaggctgca
gagcaggagc	agatgcggaa
agggccaaga	tggacaagtc
ggagaagagt	gccttgcttg
aggaaaaagg	atgtcctgaa
ctggccgagg	cagacaatga
agcctgtact	ttgtgatgga
	cta
	60
	120
	180
	240
	300
	360
	420
	480
	540
	563

<210> 1940  
 <211> 507  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(504)  
 <223> similar to gi2224697 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters







```

<210> 1944
<211> 876
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(877)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(867)
<223> similar to gi3878400 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1944
gggaattgaa ttacaagat ttagtcatc ttgaccacag ggacctaata cctatcattg      60
ctgctctgga atataatcag tggttcacia aactgtcctc taaggatcta aaactgtcca     120
ctgatgtctg tgaacagatc ttgaggggtg tgagtaggtc caatcgactg gaagaattgg     180
tgttggaaaa tgctggactt agaacagatt ttgcacaaaa actggccagt gctctagcac     240
ataatcccaa ctccaggactc cacacaatta accttgctgg caaccactg gaggatagag     300
gtgtgtcctc ttttaagtatt caatttgcca aactcccaa gggattaaag cacttaattt     360
tatctaaaac ccattatcan cctaaggngg tgaacagcct ttctcagtca ctccagtcca     420
atccattgac cgctctacc cttgtccacc tcgacctctc agggaaacgtc cttcgtggag     480
atgacctctc acacatgtat aatttttttg cccagccaaa tgccattgtt catctggatt     540
tatccaatac agaattgttc ctggacatgg tctgtggagc tcttctccgt ggatgccttc     600
aatatttagc tgtgctcaac ctctccagaa ctgtcttctc tcaccggaaa ggaaaagaag     660
tacctccatc tttcaagcaa ttttttagta gttctctggc ttgatgcac atcaaccttt     720
caggcacaaa actgtctcct gagcccttaa aagcactgtt attgggcctg gcttgtaatc     780
ataacttgaa aggggtttct ctggatctca gcaactgtga gctgagatca ggagggtgctc     840
aagtattaga aggttgcat ggctgaaata cacaac                                876

```

```

<210> 1945
<211> 1080
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (249)...(1083)
<223> similar to gi37261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1945
cctctactgc agcttcatca tcagattctt ctttctgttc ttggggtgct tcttcttctc     60

```

ccatgggctc	ctcaacagtt	tcagtcttgc	tgctccatac	ataaatagga	aagtttatga	120
actgtgaata	ttttttgacg	agatttttaa	ttgtatccaa	ttcaaggtaa	tcagatgctt	180
cttcttttaa	gacaagggta	attgtcgttc	cccgctctag	agtgtttcct	cttgggtcag	240
caattacaga	aaattcattg	gagtcagact	cccagattgg	ccagtttggt	gtcggtttct	300
attccgcctt	ccttgtagca	gataaggtta	ttgtcacttc	aaaacacaac	aacgataccc	360
agcacatctg	ggagtctgac	tccaatgaat	tttctgtaat	tgctgaccca	agaggaaaca	420
ctctaggacg	gggaacgaca	attacccttg	tcttaaaaga	agaagcatct	gattaccttg	480
aattggatac	aattaaaaat	ctcgtcaaaa	aatattcaca	gttcataaac	tttcctattt	540
atgtatggag	cagcaagact	gaaactgttg	aggagcccat	ggaggaagaa	gaagcagcca	600
aagaagagaa	agaagaatct	gatgatgaag	ctgcagtaga	ggaagaagaa	gaagaaaaga	660
aaccaaagac	taaaaaagtt	gaaaaaactg	tctgggactg	ggaacttatg	aatgatatca	720
aaccaatatg	gcagagacca	tcaaaagaag	tagaagaaga	tgaatacaaa	gctttctaca	780
aatcattttc	aaaggaaagt	gatgacccca	tggcttatat	tcactttact	gctgaagggg	840
aagttacctt	caaatcaatt	ttatttgtag	ccacatctgc	tccacgtggt	ctgtttgacg	900
aatatggatc	taaaaagagc	gattacatta	agctctatgt	gcgccgtgta	ttcatcacag	960
acgacttcca	tgatatgatg	cctaaatacc	tcaattttgt	caagggtgtg	gtggactcag	1020
atgatctccc	cttgaatgtt	tcccgcgaga	ctcttcagca	acataaactg	cttaaggtga	1080

```

<210> 1946
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(199)
<223> similar to gil1545807 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1946						
tagcgcgtct	tcccagacca	ctcccgtcct	gggtcgctcg	gctggactta	agtcacaaca	60
gattatcttt	catcaaggca	agttccatga	gccaccttca	aagccttcga	gaagtgaaac	120
tgaacaacaa	tgaattggag	accattccaa	atctgggacc	agtctcggca	aatattacac	180
ttctctcctt	cttcaggaga	gattttgatga	aaaaaattat	atthttggcat	catcttgact	240
cttgaactta	ctcccagatc	agctacaaat	ttgtcctatg	gcctgaggca	ctgaaaacac	300
gacagagctc	tgcaataatt	tccagtcaga	ccagacaacc	tagttattcc	cttttcccag	360
gtgtcccggg	gacctatatt	attgtcaaca	acaaggc			397

```

<210> 1947
<211> 619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (345)...(589)

```

<223> similar to gil510155 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1947

```
agaatctctg aggaaaagcg tggtttggt aactcccatg tttagaacag aaatgttagc 60
atgaacttag ttggccaatg gtcaggcact gccaaagggtt ataggggtgc caacacataa 120
atgattggtg ggaacctgtg cttttgaggt cagggtcata gtttgagtcc tctgtggggc 180
tagttaaact aagttataaa cccactatgg tataaaaaat ataaaactaa aaaactgccg 240
tattattcct atatatctta ttttatttgc gtgcaaataa atatgactag atttaatttc 300
ctaacatgac tttacattga cattgaccat ttcccttgta aagcattctc cagcagttgc 360
agagggacca agccacact gtgacaccag acaaaaagtca cttccgatca ctaaaagatg 420
cggtagacag actgctctcc taccacgtgt gccagggtc catgcccact gaagaagact 480
tgagaaaagt ggacaatgaa tttgagacag ctgtcactca gtccttaaaa aggacccatg 540
ctatgcttaa caaatacaga cgctgctcc tagaagatgc catggcaaaa gtcattgctac 600
tgatatattg tctttaaaaa
```

<210> 1948

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (217)...(710)

<223> similar to gi2983243 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1948

```
atgacacatt tgaagcctcg aaccgcggcg gaccccgcggt gcgctcgaag ataaccaagc 60
agtcttttaa agaaaagatt tgttgccttg ccaactaata cgacctcatc gagacctctg 120
actgagtgtt gtagtgatgc aggtgactct cctttgaaac ctgtcagctg tccaaaatct 180
aaagcatcag acaagcggag tttacttcca catcacatca ggcagatata tgacgaatta 240
tttcagatac atgtgaaatt gcagtgtgaa actgcagcac aacagaaatt tgctgaagaa 300
cttcaaaagc gagaacgttt tttacttgaa agagaacaac tgcttttcag acatgaaaat 360
gccttgagta aaattaaagg tgttgaagaa gaggttctta caagatttca aattataaaa 420
gagcagcatg atgcagaagt tgaacactta accgaagttc ttaaggaaaa gaataaagaa 480
accaagagac tgaggtcctc ttttgatgca ttgaaagaat tgaatgatac cttaaaaaaa 540
cagttaaatg aagcaagtga agaaaacagg aagatagaca ttcaggctaa aagagttcaa 600
gctcgtttag ataatttaca gaggaagtac gagtttatga caatacagag attgaaagga 660
agttcccatg ctgttcatga aatgaaaagt ttaaaacaag aaaaagcacc agtttcaaaa 720
actt
```

<210> 1949

<211> 522  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(523)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (63)...(252)  
<223> similar to gi3947688 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1949  
tttggtaaaa ggctgatttt ggccatagtc ttgagttctc aagtgcgctg tgaaaaacca 60  
atgtttccat aggtccttct gtacctccct tagtgaatcc acctctgcct acaacttttc 120  
aaccaggagc tcctcatggg cccctccag ctggaggccc acccccagtg agggccctca 180  
cgccccctgac atcatcatat agagatgtac ccagccctt atttaattca gctgtcaacc 240  
aagaaggtaa gtgaaccaag aaacaaagtc aaatcctcaa gttttgactt agggtagaaa 300  
gatgaatatt agctgaattc tgtgcattaa aatcacattt tttccagaaa atctagtttt 360  
ggttagggat gggctacagg aatttacaat ttaaagttcc tcagggattt ccctttggcc 420  
atccgctggg gctgtgacta cccttgggga aaaagctctt agtggtttttg ttaanttttt 480  
tgttgctatg cgggtttttt taaaaatcat ggggtattaag gc 522

<210> 1950  
<211> 466  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (63)...(184)  
<223> similar to gi606833 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1950  
ctccccatag ataccgtgcg cgcacgatcg gaatgaattc cctgggagac ccacgcgtcc 60  
gaagatacag acataggctt ttgcggcaca aattgactgt gaggacgga gaatctggag 120  
aagaaaaaaa gacaaagcct aaagagcata aagaagtcaa aggcagaaac agaagaaagg 180  
gtaagatgtt ttaattctga atgtaaagaa catattggac cagacagtgg cttatgcctg 240  
taatcctagc actttgggag gctgaggtgg gcagattgct tgagcccggg agtttaggac 300  
cagcctgggc agcatgggga agcctcatct ttatggaaaa tggaagaaat agctgggtgt 360  
ggtggtgtgc acctgtagtc ccagctactt gggaggctga ggtgggagga tcacctgagc 420  
cccgagggtc aaggctgtag tgagcagcga ttgcaccact gcattg 466

<210> 1951  
 <211> 601  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(403)  
 <223> similar to gi5668703 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1951  
 gcatgagcca gacaatggag cttgctcgga atccacccat gatgcaagag atgatgcgga 60  
 accaggaccg ggccctgagc aaccttgaga gcatccctgg aggggtataat gccctccgcc 120  
 gcatgtacac ggacatccag gagcccatgt tcagtgtctgc ccgggaacag tttggcaaca 180  
 atcccttctc ttccctggcc gggaactccg acagctcatc ctcccagcct ctgcggactg 240  
 agaatcgaga gcccctccct aacccctgga gcccctcgcc cccacacctc caggcccccg 300  
 ggtccggtgg ggagggcacc ggaggatcgg ggaccagcca ggtgcacccg acagtctcga 360  
 acccctttgg gatcaatgcg gctagcctgg ggtcaggatg gtcctgggat ggaaggagct 420  
 tagtggggtc accagggcag cccctctgtc ccaggactga atggggttca tactgctcca 480  
 ggattttgaa ggcagaggtg agactgtcga ggccacagag ggggctctgc cgtctgggat 540  
 agtggccggg tgagggctgg ttctggccat gtcctgatat ccctaggagt gaccaagta 600  
 a 601

<210> 1952  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (43)...(699)  
 <223> similar to gi212752 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1952  
 ctgagctct actcctgagg tactggaccg gcattcccgg gctctgcaca agagggttta 60  
 gctggctacc acagggaggg gccccaccca gcctggccac agccagtgc cacctccac 120  
 tatgcccagc accccagcgg tatgtgccgc tctcaatcct ttctggaagc tgaaccccag 180  
 ctgccccagc ctccggtccg agggggaagc agccgggagg ctgtgcagag gggactgaat 240  
 tcgtggcagc agcagcagca gcagcagcag cagcctcgcc cacctccacg ccagcaggaa 300  
 agagcccact tggagagtct ttagcagcagc agggccagcc ctgagccatt ggcagagacc 360  
 cccatcccca gtctccctga gttcccgcga gcagcctccc agcaggagat tgaacagtcc 420

```

atcgaaacac tcaatatgct gatgctggac ctggagccag cctccgctgc tgccccacta 480
cacaagtccc agagtgtccc cggggcctgg ccaggggctt ctccactctc ctcccagccc 540
ctctctggat cctcccgtca gtcccatcca ctgacccagt ccagatctgg ctatatcccc 600
agtgggcatt cgttgggaac ccctgagcca gcccacggg cctctctgga gtctgtccct 660
cctggcaggt cttactcacc ttatgactat cagccatggt tggctgggcc taaccaggat 720
tt 722

```

```

<210> 1953
<211> 535
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(516)
<223> similar to gil786549 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1953
attgtgttat ttcttcactc tgctggtggt ctacatgttg atcaactggc taccgctact 60
tttggtggag caaggattcc agccatcgca ggcggcaggg gtgatgtttg ccctgcaaatt 120
gggggcggca agcgggacgt taatgttggg cgcattgatg gataagctgc gtccagtaac 180
catgtcgcta ctgatttata gcggcatggt agcttcgctg ctggcgcttg gaacggtgtc 240
gtcatttaac ggtatgttgc tggcgggatt tgcgcgggg ttgtttgcga cagggtgggca 300
aagcgttttg tatgccctgg caccgttggt ttacagttcg cagatccgcg caacagggtgt 360
gggaacagcc gtggcggttag ggcgtctggg ggctatgagc ggtccggttac tggccgggaa 420
aatgctggca ttaggcactg gcacggtcgg cgtaatggcc gcttctgcac cgggtattct 480
tgttgctggg ttggcggtgt tgatttttgt tgcagcagtc aatgcagttt ccagg 535

```

```

<210> 1954
<211> 179
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(170)
<223> similar to gi2429509 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1954
tttttttcac cccaccccca gggggggggg gtcccccccc tccccctcc catatttttt 60
ttcccccccg agcttttttt ttttgggggg gtgttttccc cttttttccc ccccccaaaa 120

```



aagtgttttt tccccaaagc ccccccccg tttttttttt ccccccccta aaaaaaaaa 179

<210> 1955  
 <211> 3155  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1155)...(1325)  
 <223> similar to gi3712831 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1955  
 tttcgtacca ccaccaccac gccagcagc cagctgcagc ctctcccaac ctgactgctt 60  
 cacagaagac tgtaactaca acttctatga ttaccacaaa gacactacct ctgctcttga 120  
 aagcagcaac tgcgaccatg cctgcctctg tgggtgggcca gagacctacc attgctatgg 180  
 tgaccgccat caacagtcag aaggctgtgc tcagcactga tgtgcaaaac acaccagtca 240  
 acctccagac gtctagtaag gtcaactggg ctggggcaga ggctgtccaa attgtggcaa 300  
 aaaacacagt cactctgcag gttcaggcaa cacctcctca gcccatcaaa gtaccacagt 360  
 ttatccccc tccctagactc actccacgtc caaactttct tccacagggt cgacccaagc 420  
 ctgtggccca aaataacatt cctattgccc cagcaccacc tcccatgctc gcagctcctc 480  
 agcttatcca gagggccgctc atgctgacca agttcacccc cacaaccctt cccacatccc 540  
 agaattccat ccaccccgtc cgtgtcgtca atgggcagac tgcaaccata gccaaaacgt 600  
 tccccatggc ccagctcacc agcattgtga tagctactcc agggaccaga ctgctggac 660  
 ctcaaactgt acagcttagc aagccaagtc ttgaaaaaca gacagttaaa tctcacacag 720  
 aaacagatga gaaacaaaca gagagccgca ccatcacccc acctgctgca cccaaaccaa 780  
 aacgggagga gaacctcag aaacttgctt tcatggtgtc tctagggttg gtaacacatg 840  
 accatctaga agaaatccaa agcaagaggc aagagcgaaa aagaagaaca acagcaaatc 900  
 cggctctacag tggagcagtc tttgagccag agcgtgaaga gaggcagtg acatacctaa 960  
 acagcacaat gcaccctggg acccggaaga gaggtcgtcc tccaaaatac aatgcagtgc 1020  
 tgggggtttg agcccttacc ccaacatccc cccaatccag tcatcctgac tcccctgaaa 1080  
 atgaaaagac agagaccaca ttactttcc ctgcacctgt tcagcctgtg tccctgcccc 1140  
 gccccacctc cacagacggt gatattcatg aggatttttg cagcgtttgc agaaaaagtg 1200  
 gccagttact gatgtgcgac acatgttccc gtgtatatca tttggactgc ttagaccccc 1260  
 ctctgaaaac aattcccaag ggcatgtgga tctgtcccag atgtcaggac cagatgctga 1320  
 agaaggaaga agcaattcca tggcctggaa ctttagcaat tgttcattcc tatattgcct 1380  
 acaaagcagc aaaagaagaa gagaaacaga agttacttaa atggagttca gatttaaaac 1440  
 aagaacgaga acaactagag caaaagggtga aacagctcag caattccata agtaaatgca 1500  
 tggaaatgaa gaacaccatc ctggcccggc agaaggagat gcacagctcc ctggagaagg 1560  
 taaaacagct gattcgctc atccacggca tcgacctctc caaacctgta gactctgagg 1620  
 ccaactgtgg ggcatctcc aatggcccgg actgcacccc cctgccaat gccgccacct 1680  
 ccacgcccgc ccttcccccc tctcccaga gctgcacagc gaactgtaac cagggggaag 1740  
 agactaaata acagagcccc tctaggagaa gccacgggat cccggcggca aggagaacag 1800  
 aacactgaag actctagaaa agcaaagccg gatttctgga aagtgcagaa ttcttttggt 1860  
 tctttggttc cagagagaga gaagatgctt gtgccagggt gcaccagagt ttgccaattg 1920  
 atccttctta ttctgtgtgt acatgcaaag attggaccat gttacatgaa atagtgccag 1980  
 ctggagggttc tttgccagca ccatgccaaag tgaaataata tatttactct ctctattata 2040  
 caccagtgtg tgctgcagc agcctccaca gccacgatgg gtttgtttct gttttcttgg 2100  
 gtggggagca gggacgggag gagggaggag agcaggtttc agatccttac ttgccgagcc 2160

gtttgttttag	gtagagaaga	caagtccaaa	gagtgtgtgg	gctttcctgt	ttctaaactt	2220
tcgctactat	aaaacccaaa	aaaggaattg	agatttcacc	aaccccagtg	cccagaatag	2280
ggaaggggag	tggctggagg	gagcaggggg	tgggacagtg	tatcaaataa	gcagtattta	2340
atcacctctg	gcgggggcct	cgtgcaaggg	gagactgaca	ccaagaacag	ccagtagggt	2400
cttctcccct	gcactctgct	ccctgcgcgg	taacccccacc	actcctgaag	cctgcccagt	2460
ctccttcctt	ccctgcttgg	tgagtcgcgc	atctccgctg	ttatcccgtt	gtctcctctc	2520
caagaacaag	cagagcccgg	gccactggcc	cttgcccaag	gcagggaaga	aggatgtgtg	2580
tgtccaggaa	ggaaaaaaag	gtggatcagt	gattttactt	gaaaacaagc	tccatccctt	2640
ttctatatatt	ataagaagag	aagatcttga	gtgaagcagc	acgcgaccca	ggtgtgtgtg	2700
aattgaatgg	agacgtttct	tttctctttc	tttaattttt	gtttttgttc	tttttttctt	2760
taaggaaagt	tttattttac	tgttcatttt	actttcttgg	taacaaaaac	taaaataagg	2820
aatagaaaag	ctgtttttca	ggctgacagt	ccaattaagg	gtagccaaga	ccttgcattg	2880
tagagtagga	atcatagtgt	cagtgaaggc	ccgtgagtct	ttgtgagtcc	ttgtgtcatc	2940
gttcggggcac	tgttttttta	tgcaagggca	aaaatctttg	tatctgggga	aaaaaaactt	3000
ttttttaaat	taaaaaggaa	aataaaagat	attgaggtct	tcctagtgtt	acttaaatta	3060
agatcaagggt	aagaaacatt	gtaaaaaaa	attacaaaag	tgctatttgt	ttcctaaaaa	3120
cagtgatctc	tattaaaaag	gtgtcagaac	tgga			3155

<210> 1956  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (25)...(689)  
 <223> similar to gi3372657 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1956	
ccggaattcc	ggtaacgttt
agtcagcctg	catggcatca
ggctttaata	atactaggaa
agaggacgtt	ccgggtggca
catagtaatt	ctggaggtgg
ggtacaggaa	ggaattccag
atgaacaaca	gtaacggaaa
agtggccctg	gagacaaatt
gacatgacta	tgctatggaa
tataattggc	agcggcaaga
tctgaaggat	ttacaagtga
cagctggaaa	gccaaaccac
cggaattcctt	accaaagacag
attggaaatg	ggaaaaagat
tgaggaatgg	tggtggacca
cctcgacttg	gtttcacaaac
cagtagattg	gaatcataat
gtggcttttc	cagttggcat
gtacaaataa	ttggaattac
attctaactg	tcaaatggaa
acaaatacag	tcacgacaga
ttgccacata	tagaggtcct
tactcgactt	caattttgag
g	

<210> 1957  
 <211> 550  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(452)

<223> similar to gi406738 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1957

ccccgaccca	cgccgcccc	gcgccacggc	tctccccac	accgccttat	tcgggtcgag	60
accccggggc	ccccggcgcc	gcctgctgat	gagcggatct	ccggaccccc	cgccagcagc	120
gataggctag	ctatcctaga	agactatgcg	gacccgtttg	atgttcagga	gactggcgaa	180
ggctcagcag	gagcttcagg	agccccagag	aaggctccctg	aaaatgatgg	ctacatggag	240
ccctatgagg	ctcaaaagat	gatggccgag	atccggggct	ccaaggagac	agcaactcag	300
cccttgccctc	tgtatgacac	accctatgag	ccagaggagg	atggggccac	cccggaaggt	360
gagggggccc	cctggccccg	ggagtcccg	ctgccagagg	atgatgagag	gccccctgag	420
gagtatgacc	agccctggga	gtggaagaag	gagcggatct	caaagcctt	tgcagttgac	480
attaaggtca	tcaaagacct	accttggcct	ccacctgtgg	gacagctgga	cagcagcccc	540
tccttgccctg						550

<210> 1958

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(596)

<223> similar to gi212752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1958

attgtgcca	ttggccatcc	atcccaaaga	aggtacgtgc	attacttcag	tggcctgctc	60
tccggtcca	tcaaaatgaa	caacaagccc	ttgtttctgc	accacgtgat	catgcacggc	120
atccccaact	ttgagtctaa	aggaggatgt	cggcgtttc	tccgcatcta	ccaggccatg	180
caacctgtgt	acacatctgg	catctacaac	atcccaggag	acagccagac	tagcgtctgc	240
atcaccatcg	agccaggact	gctcttgaag	ggagacatct	tgctgaagtg	ctaccacaag	300
aagttccgaa	ggccagccc	agacgtcatc	ttccgtgtgc	agttccacac	ctgtgccatc	360
catgacctgg	gggttgtctt	tgggaaggag	gaccttgatg	atgctttcaa	agatgatcga	420
tttccagagt	atggcaaagt	ggagtttgta	ttttcttatg	ggccagagaa	aattcaaggc	480
atggagcacc	tggagaacgg	gccgagcgtg	tctgtggact	ataacacctc	cgacccccctc	540
atccgctggg	actcctacga	caacttcagt	gggcatcgag	atgacggcat	ggaggatggg	600
aacaaacaga	ataccaatag	ccagtcaatt	ggaagcatct	cagggtggcct	ggaggatcaa	660
tatacctgga	cagacacaca	ctggccttcc	caaagttagg	ccctccaaaa	tgtcaagttg	720
ccaagccaga	atccaaagct	ttgcactgag	aacttcattg	tggggctctg	tcccctcctg	780
gagccctgcc	tgggtg					796

<210> 1959  
 <211> 619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (34)...(620)  
 <223> similar to gi2224713 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1959  
 gagcgccgc agcgccgtct gctcagcgcc cgggtcaata ggagccagtc cttcgcaggc 60  
 gtcctcggca gccacgagcg ggggccaggg agtttcccgg tcttcagccc gccggggccc 120  
 ccacggaagc cccccgcgct ctcccgagtg tccaggatgt tttccgtggc tcacccagcc 180  
 gccaaagtgc cgcagcccga gcggctggac ctggtgtaca cggcgctgaa gcggggcctg 240  
 acggcctact tggaaagtgc ccagcaggag caagagaaac tccaggggca gataaggag 300  
 tccaagagga attcccgtct gggcttcctg tatgatctgg acaagcaagt caagtccatt 360  
 gaacgcttcc tgcgacgact ggagttccat gccagcaaga tcgatgagct gtatgaggca 420  
 tactgtgtcc agcggcgtct ccgggatggg gcctacaaca tgggccgtgc ctacaccact 480  
 ggggtcccgg gaagccgaga ggcccgggac agcctggcag aggccactcg ggggcatcgc 540  
 gagtacacgg agagcatgtg tctgctggag agcgagctgg aggcacagct tggcgagttt 600  
 catctacgaa tgaaagggg 619

<210> 1960  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (339)...(419)  
 <223> similar to gi4102883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1960  
 tttcgtcggc ttcaccttgg agagccagct tttagagacc ttggagagcc agctctcaga 60  
 aaatgttcac tcttctgcct gcagttcccc acctggaggg accagcacc tccactcaga 120  
 cacaccatt cttcagcatc ctaccctaata ctgctgcctc aaatcccttg caccagtggt 180  
 tttgtggtcc ctggcctagg ttgaaaggac ctcaggctat gcctgtccac cccattacca 240  
 cagtctaaag agcagtttcc tgccatttat ctgagcatct ctgataaac caggagttcc 300  
 tgtccaggga ctgagggccc tgcttgcttc cttcctagat ccaagacatc agtgtggaga 360  
 cagaagacaa caaggagaag aagtcagcca aggatgccct gcttctgtgg tgccag 416

<210> 1961  
 <211> 533  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (20)...(535)  
 <223> similar to gi30266 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1961  
 gcggtactgc gccggaattc ccgggtcgac ggctgcgaga agacgacaga agggcaagat 60  
 gcggcgcatc gactgtctcc ggcaggcgga caaggtgtgg cggctggacc tggatcatggt 120  
 catcctgttc aagggcattc cgctggagag caccgacggc gagcgccctgg tcaaggctgc 180  
 gcagtgcggt cacccggtcc tgtgcgtgca gccgcaccac attggcgtgg ccgtcaagga 240  
 gctggacctc tacctggcct acttcgtgcg tgagcgagat gcagagcaaa gcggcagtcc 300  
 ccggacaggg atgggctctg accaggagga cagcaagccc atcacgctgg acacgaccga 360  
 cttccaggag agctttgtca cctccggcgt gttcagcgtc actgagctca tccaagtgtc 420  
 ccggacaccc gtggtgactg gaacaggacc caacttctcc ctgggggagc tgcaggggca 480  
 cctggcatac gacctgaacc cagccagcac tggcctcaga agaacgctgc cca 533

<210> 1962  
 <211> 477  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (91)...(475)  
 <223> similar to gi8797 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1962  
 ccgggtcgac gatttgcgtg tgccgtcggt ttcgaaagcg gcggcagcgg cgctgagcgg 60  
 gtcccccccg cagacggaga agccgaccca ctacagcaca agtgcgcgca gcaccggccg 120  
 ttcacctgct tccactggca cttcctcaac cagcggcgcc gcaggccct ccgcaggcgc 180  
 gacggcacct tcaactacag ccccgacgtg tactgtctca agtacaacga agccaccggc 240  
 gtgtgccccg acggcgacga gtgtccctac ctgcaccgga cgacggggga cacagaacgc 300  
 aagtaccacc tgcgttacta caaacagga acctgcatcc acgagacaga cgcacgtggc 360  
 cactgcgtga agaattgggt gactgtgcc ttgcgcacg gccccctgga cctgcggccg 420  
 cccgtgtgtg acgtcaggga gctgcaggcc cagggaagcct tgcagaacgg ccagctg 477

<210> 1963  
 <211> 517  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (136)...(437)  
 <223> similar to gil55625 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1963  
 cgatcctgct ccggaactcc cgggtcgacg atttcgtgga ggaagagctg ccggaagtag 60  
 gcggtggagg tggtagcgga gctgacggca gctgccaggg aaaccgaggc gcgggacgca 120  
 aggccagcag acaggccggc cagaggggtca tctgcgtccg gcaccagga ggctcgtggt 180  
 ccgcctttgc ctgggctgag ggtctctggc cccgcagcct ctcttgagg cgggcctgtc 240  
 cctaagcccg ccaaggggag ccgcgcccag gggctgcgga gtgggggacg gacgcccccg 300  
 acccggaag gggcgctccg cggggccgga ggagagggct ctccccgctc aggaggtgcc 360  
 cctgggcggg ggaccgggag tcctcaaccc cggactgagg caggggtctc tgggggcgag 420  
 gaatgcacaa ttccctctat ccccgtcacg actttgttca gatctaataa atgctgaacg 480  
 ctcatgacct tcactagtgc atctctcaat ccgcttg 517

<210> 1964  
 <211> 879  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(857)  
 <223> similar to gil212917 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1964  
 tttcgtggcc atgaggagg atggcggcac cttgggcgta ttctctccca aaaagacacc 60  
 acacctcgtc aacctgaacg aggaccgct gatgtctgag tgctgtctct actacatcaa 120  
 ggatgggatc accagagtgg gcaggaggga tggcgagagg cggcaggaca ttgttctgag 180  
 tgggcacttc atcaaggagg agcactgcgt cttccggagc gactccaggg gaggcagcga 240  
 agctgtggtg accttgagc cctgtgaggg ggcagacacc tacgtcaatg gcaagaaagt 300  
 cacagagccc agcatcctgc gtccaggaaa ccgcatcatc atgggtaaga gccatgtgtt 360  
 ccggttcaac caccgcgagc aggcccgga ggagcgtgag cgcacgcctt gtgcggagac 420  
 gccagctgag cctgtggact gggccttcgc ccagcgtgag ctgctggaga agcagggcac 480

cgacatgaag	caggagatgg	agcagaggct	ccaggaactg	gaggaccagt	accgccgcga	540
gcgggaggag	gccacctacc	tgctggagca	gcagcggctg	gactatgaga	gcaagctgga	600
ggctctgcag	aagcagatgg	actccaggta	ctacccggag	gtgaacgagg	aggaggagga	660
gcccagggat	gaagtccagt	ggacagagcg	ggagtgtgag	ctggcgctct	gggccttccg	720
gaagtggaag	tggatccagt	tcacgtctct	gcgggacctg	ctgtggggca	acgccatctt	780
cctcaaggag	gccaatgcca	tcagcgtgga	gctgaaaaag	aaggtacaat	tccagtttgt	840
cctcctgacg	gaccctcgtg	ccaagcttgg	cgtagtcag			879

<210> 1965  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (84)...(605)  
 <223> similar to gi309241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1965						
tttcgtgcgg	ctcggcgctc	cgggcctggc	gttgtggcgc	cgcagccctt	gccaccttcc	60
ctgcacctgc	cctgcccggc	ctcatgtacc	gcgcgctgta	cgcgttccgc	tcggcggagc	120
ccaacgcgct	ggcggttcgc	gcgggcgaga	ccttcctggt	gctagagcga	agcagcgcg	180
actggtggct	ggccgcgcgg	gcgcgcagtg	gtgagacggg	ctacgtgccg	ccagcctacc	240
tgcgcgcct	gcagggcctg	gagcaggatg	tcctccaggc	cattgaccgg	gccatcgagg	300
ctgtacacaa	cacagccatg	cgggatgggtg	gcaagtacag	cctggaacag	cgtggagtcc	360
tccagaagct	gatccaccac	cggaaagaga	ccctgtcacg	cagaggccct	tcagcctcca	420
gtgttgacgt	tatgacctca	tcaaccagtg	accaccactt	ggatgctgct	gcagccaggc	480
agcccaatgg	ggtgtgtcga	gctgggttcg	agcggcagca	cagcctaccc	agttctgagc	540
atcttggggc	agatggaggc	ctcttccaga	tcccacttcc	atcttccag	atccaccac	600
agcctcgccg	agcagcacc	accacaccgc	ccccaccagt	gaagcgccga	gaccgcgagg	660
ccctgatggc	ctctgggagt	ggtggccaca	acaccatgcc	ctccgggggt	aactctgtgt	720
ccagcggctc	ctcagtcagc	agttgtatt				749

<210> 1966  
 <211> 570  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (37)...(568)  
 <223> similar to gi2047300 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1966

```

agataccccc ccgaattccc ggggtcgacga tttcgtgagc cctgtggccc ggggaggggc      60
atctgcatga acaccggcgg ctccatacaat tgccactgca accgcggcta ccgcctgcac      120
gtgggcgccg gggggcgctc gtgcgtggac ctgaacgaat gcgccaagcc ccacctgtgc      180
ggcgacggcg gcttctgcat caactttccc ggctactaca agtgcaactg ctaccccggc      240
taccggtca aagcctcctg gcctcctgtg tgcgaagaca tcgacgagtg ccgggaccca      300
agctcttgcc cgcatggcaa atgcgagaac aagcccggga gcttcaagtg catcgctgt      360
cagcctggct accgcagcca gggggcggg gcctgtcgcg acgtgaacga gtgcgccgag      420
ggcagcccct gctcgccctg ctggtgcgag aacctcccgg gctccttccg ctgcacctgt      480
gcccagggct acgcgcccgc gcccgacggc cgcagttgct tggatgtgga cgagtgtgag      540
gctggggacg tgtgtgacaa tggcatgtat                                     570

```

<210> 1967

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(412)

<223> similar to gi3877493 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1967

```

atgggcctgt ctgtggcggt ggtctgtccg tggcgtgggc cgggtccgtgg cgtggggccgg      60
tccacagtgt ggggtggagg gtgacgtgctg cactgcatgg tgctgagctg ccctgcctct      120
ctggggcagc caccgtggag cgggagatgg agctgcggca caagaatgag atgctgcgag      180
tggagaccga ggcccgggcg cgcgccaagg ccgagcggga gaatgcagac atcatccgcg      240
agcagatccg cctgaaggcg tccgagcacc gtcagaccgt cttggagtcc atcaggacgg      300
ctggcacctt gtttggggaa ggattccgtg cctttgtgac agaccgggac aaagtgcag      360
ccacggtaaa catattcata aaacagggct ggcaggtggc tgagaggcag catgtggggg      420
cctcctggag ccccaggtcc tgtccctgcc ggctctgcac agccctgtag ctctcccagc      480
acagagcaaa cccacgttgt acctgctggg ctcggtgct cctccctcct tgagctggga      540
gaaaaaaatg cagttgccag cctggggccac acggtgagac cccatctcta cgaagaataa      600
aacattagct ggggtgtgat gtggcgccct tggctcctgct actcgagagg ctgaggtagg      660
aggatcactt aagcccagga ggtttgggct gcagtgcgac aacattgcac cactgcactc      720
cattcttggc gagagaataa gaccttgtct caagaaaaaa atggccaggc ggtagtggct      780
caggcctgta atcccagcat tttcggaggc ggaggtgggc ggatcgcgag gtccggagat      840
cgagatcatc cttggtaaga agtgaaaccc tgtctctact aaaaaaaag                                     889

```

<210> 1968

<211> 898

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (297)...(775)  
 <223> similar to gi5901818 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1968  
 agtgtatttta atttgtgctg aatacagcat cttaaaatat gaattttggtt caccaacact 60  
 tgcaaatcaa gagatgtaca ttgatctgga tttcccactt aggggaaaga aatcagatga 120  
 tctggcaaca taaactatat tcccacacag tggctggagc tctaatagaa gctgcaaaat 180  
 caaagataca tcagtacaaa gtacgagctt atatccaaat gaagtctctg aaagcatgta 240  
 aaagggaaat caagtcagtc atgaatacag ctggaaattc cgcaccctct ctctttctta 300  
 aaagcaattt tgagtactta agaggtaatt atcgaaaagc cgtgaagcta ttaaatagtt 360  
 caaacattgc tgagcatcca ggattcatga aaacaggtga atgcttgaga tgcattgttct 420  
 ggaataacct tggttgcatc cattttgcca tgagcaagca caatttgga atattctact 480  
 ttaaaaaggc tctgcaagag aatgacaatg tctgtgcaca gctcagtga ggtagcactg 540  
 atccaggtaa aaaattttca ggaagaccca tgtgtacgtt actaaccaat aagagatatg 600  
 agttgctgta taactgtgga attcagcttc ttcacattgg aaggcctctt gctgccttcg 660  
 aatgtctgat tgaagctgtt cagggtttatc atgcaaattc tgcctctgg ctacggctgg 720  
 ctgaatgctg cattgctgcc aataagggga cttctgaaca agaaactaaa ggccttccca 780  
 gcaaaaaagg aattgtacag tctattgttg gtcaaggcta tcatcgtaaa atagttttgg 840  
 catcacagtc tatacagaat actgtttata atgatgggca gtcttcggcc attcctgt 898

<210> 1969  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (22)...(563)  
 <223> similar to gi258856 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1969  
 caattttttt ctcttttctt aaggatatcag atacacaccg gacttcaaca ttctatcata 60  
 agacctaccc aaccaactg tttacctctg gacaatgcca ccctacctca gaaactgaag 120  
 gaggttggat attcaacgca tatggtcgga aaatggcact tgggttttta cagaaaagaa 180  
 tgcattgcca ccagaagagg atttgatacc ttttttggtt cccttttggg aagtggggat 240  
 tactatacac actacaaatg tgacagtcct gggatgtgtg gctatgactt gtatgaaaac 300  
 gacaatgctg cctgggacta tgacaatggc atatactcca cacagatgta cactcagaga 360  
 gtacagcaaa tcttagcttc ccataacccc acaaagccta tatttttata tattgcctat 420  
 caagctgttc attcaccact gcaagctcct ggcagggtatt tcgaacacta ccgatccatt 480  
 atcaacataa acaggaggag atatgctgcc atgctttcct gcttagatga agcaatcaac 540  
 aacgtgacat tggctctaaa ag 562

<210> 1970  
 <211> 2171  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (180)...(509)  
 <223> similar to gi3979817 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1970  
 cacgcgtccg gaaaggaaga ggcggtgaga ggctgcaaag ccccttgctg gttccgcaga 60  
 aaccagaaag acctccctt ccaccaagc ctcagttcct aaactcaggg gcatatcctc 120  
 aaaaacctct tagaaatcag ggagtgggtga ggacactgtc cagctctgcc caagaggaca 180  
 tcatccggtg gtttaaagag gagcagctac cacttcgagc gggctaccag aaaacctcag 240  
 acaccatagc cccctgggtt catggaattc tcacactcaa gaaagcaaat gaacttcttc 300  
 tgagcacagg catgcccggc agttttctca tccgagtcag tgaaaggatc aaaggctatg 360  
 ccctgtccta tctgtcggag gacggctgta aacatttcct catcgatgcc tctgcagacg 420  
 cctacagctt cctgggcgtg gaccagctac agcatgccac cttggcggat ttggtggaat 480  
 atcacaagga ggaacccatc acttccttgg ggaaggagct ccttctctat ccctgtggtc 540  
 agcaggacca gctgcctgac tacctggagc tgtttgagtg acagcctcca tcagggtcat 600  
 cctacagcct ccaagcgggc tttcccttgg acaaagcca ctgcaacatt tatgtgtgaa 660  
 gccaaaatca ccctgcagca gagccaatac tgatcaactg aaagtatcca tggagtcctc 720  
 attgacacct cttttctgca caaatactgg aattcaatgt caagagaaaa tgacctctgc 780  
 tcaaaaggga gaagagtctc aatttcagca agtacctgtc atgaagggtg tgaccttaat 840  
 gatgtacata aaataaaaca aatgaagaaa tggaaaactt ttagaaatta aggtgtactt 900  
 gaaaacgagt atctatcata tgacccttgc actccctctg tatcatctca ggaggtttca 960  
 ggggcctgtt gacatgaagt ttcgaagttt catgttggct ttggaatggg agcaaaagcc 1020  
 tttcctggct gagatgatgc ttaaaacaca cctcacttat tgtacatgtt ggaaccagga 1080  
 catgagagac atagaaaaac agaagtcagc aatgtaaatt gaatgagagg cttaacatgc 1140  
 atgaaaatac agatggacct gcaggaaagt gagcaaacat cgctgagttt gttttcttgt 1200  
 tcggggagaat gggggccggg ctggcctggc ctcccctgga tatactctat agtgcaccaa 1260  
 aaggataaag catctgtaca tgtatttttt tattttttat cagaagtgtc tagacaagaa 1320  
 cagaataagc aggtgttttg gatgctactt gtggttgaat tgtgttcccc caaaatatat 1380  
 ggtgaagtct taacccccat ccccgatgaat gggaccttgt ttggaaatag ggtctttgca 1440  
 gatatagtca agatgaggtc acattggatt aggttggggc ccaaatccaa tgactggcat 1500  
 ccttaggaga agagagagtt ttggtaatat acacaaatgc agtgggaaga agaccagggg 1560  
 acaagaggca agttggagtg atgcagccgg aagggaaggg acaccaagga tctccggcca 1620  
 ccagcagaag ccagcagaga ggcattgggac aggttcccca caagccttag aaggaagcat 1680  
 ggccctgact tcagaattcc agactccaga actggaagaa taaatgtctg ttgttttaag 1740  
 ctgcttagtt catgctgagt tcatgctgac ttgttactat agccccagaa agctaataca 1800  
 gtcgtttatg taattacata acctgacaca caagatcgac ccattcactg ctgcccagtc 1860  
 caccattttc ataataagat agaaatggga ggtaagaaaa acattccagc cagttctgtt 1920  
 tagccctggg acacatatat gtcccgtcag gaatcttatg ccctcctgga acccccgcgc 1980  
 acctcagtc agtcccagtc aggcgaacgg cctctggaca gggactgagg tggctttgag 2040  
 cactggaga tcatttttct tggaggatgg agattggcta gtacctctgg cctaactgtg 2100  
 taggtcaata ctcttttaca ttgccttcta ataaaagcag aatgatacag cagtgttggt 2160  
 aaaaaaaaaa a 2171

<210> 1971  
 <211> 570  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (162)...(558)  
 <223> similar to gi3329623 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1971  
 cccgggcgac cacgcgtccg aaaaatgaag tccaggacta tgtcagtgtga gaatacctgt 60  
 ctccccacat ggggtggaact gatcctttca agtgtagcta tgcaccacta gtagatgatg 120  
 acttccagac ccactgtgtg gagaatgggc ctattaccag tgaggatgaa acttcaagta 180  
 aagaagacat agaaagtgat ggcaaagaaa cattggaaac aatttctaata gaagaacaaa 240  
 cacctcttct taaaaagatt aacccaaccg aatctacttc caaagcagaa gaaaatgaaa 300  
 aagttgattc aaaagtgaaa gctttcaaga aaccattgag tgtattttaa ggcccccttac 360  
 tacacatcag ccagcagaa gaactgtact ttggaagtac agaatccgga gagaagaaaa 420  
 ccttaatagt gttgacaaat gtaactaaaa atatagtggc atttaagggtg agaacaacag 480  
 ctccagaaaa atacagagtc aagccaagca atagcagctg tgacccgggt gcatcagtgg 540  
 atatagttgt gtctcccat gggggtttaa 570

<210> 1972  
 <211> 639  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (43)...(550)  
 <223> similar to gi296908 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1972  
 tttgcactcg tgagcaattc ggcaacgagct tccgagtgtc atagtaaaca agaactggag 60  
 gctgatgtca gccataaaga aaccaaaggg aaactcgtag aagcagaaaa ttctaagtca 120  
 aaaagaaaga aaccaaata gtaattcaaaa aatctggaga agaccaatag gaagtcagaa 180  
 gaacttagca aaagaaacaa ctcttctggg ataaagctag attcttccaa agattctgga 240  
 actgaagaca tgctttggac agaaaagtat caacctcaga ctgccagtga acttatagga 300  
 aatgagttag ctataaaaaa gttacatagt tgggtgaaag actggaaaag aagagctgaa 360  
 ttggaagaaa ggcagaatct gaagggaaaa agagatgaga aacatgaaga tttctcgggt 420  
 ggcatagact ttaaaggcag ttcagatgat gaagaagaga gtcgtctttg caatactgtc 480



tcaaacatac ctggatcgat agactggttt tgccacttac cagccaacgg ggctt

2095

<210> 1974

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(468)

<223> similar to gi414115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1974

attgacccgc	cctgaattgt	ccccgctgc	aggaattcgg	cacgagaaag	aaagaaagac	60
caagctccaa	tatgaaaaac	agatggagga	aagacagaga	aagctgaagg	agcgaaaaga	120
gaaagaagaa	caacggagaa	tagctgcaga	agaaaaaaga	caccagaagg	atgaagcaca	180
aaaggaaaaa	tttacagcca	ttctttatcg	tactttggaa	cggaggagac	ttgctgatga	240
ttatcagcaa	aaaagatggg	catggggagg	ctctgcaatg	gcgaattctg	agagcaaaac	300
tgccaataaa	cgatctgcat	ctactgaaaa	acttgaacag	ggtacttctg	ctttaatcag	360
acaaatgcct	ttgtcatctg	caggccttca	aaattccgtt	gccaaaagga	aaacagacaa	420
ggagagaagc	tcattcttta	atagaagaga	tagtaacctt	cattcgtct		469

<210> 1975

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (50)...(469)

<223> similar to gi3873679 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1975

gggtttcata	gatcgctcgtg	ggcattccgc	acgaggcgag	aggtactacg	tgcccgaagg	60
agagtgtcgc	ccagtgtgtg	aagatccagt	gtatcctttt	aataatcccg	ctggctgcta	120
tgccaatggc	ctgatccttg	cccacggaga	ccggtggcgg	gaagacgact	gcacattctg	180
ccagtgcgtc	aacggtgaac	gccactgcgt	tgcgaccgtc	tgcggaacaga	cctgcacaaa	240
ccctgtgaaa	gtgcctgggg	agtgttgccc	tgtgtgcgaa	gaaccaacca	tcatcacagt	300
tgatccacct	gcatgtgggg	agttatcaaa	ctgcactctg	acagggaagg	actgcattaa	360
tggtttcaaa	cgcgatcaca	atggttgtcg	gacctgtcag	tgcataaaca	ccgaggaact	420
atgttcagaa	cgtaaacaa	gctgcacctt	gaactgtccc	ttcggtt		467



gaaaaactca	cacgagggag	aagccctttg	catgtgtggt	ttgcggaaaa	tatttttagaa	540
attcctcatg	ccttaataat	catgttcgaa	ttcacactgg	aataaaaccc	tatacatgca	600
gctactgtgg	gaaggccttc	actgtgcgct	gtggccttac	tagacacgta	cgaacacaca	660
cgggcgagaa	gccatacacg	tgtaaggact	gcgggaaagc	cttctgtaca	tcctcggggc	720
ttactgagca	tgtaaggact	cacactggag	agaaaccata	tgaatgtaaa	gattgtggga	780
aatccttcac	tgtttcttca	agcctgactg	agcacgcaag	aatccatacc	ggagagaaaac	840
cctacgaatg	taagcagtgt	ggcaaagcct				870

<210> 1978  
 <211> 473  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(476)  
 <223> similar to gi5410330 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1978	
ccgcgctgca	ggaattcggc acgagagata gtgtgtatgg actagaactg caccgcgata 60
agagagtttt	agcgctagag atccttcctg agagagtgcc aactcctcgt atcgattcac 120
gactggcaga	ttccctgatt ggcaaggcag tggagcatgt gtttgaagggt gaacatggta 180
ccaaggatga	atggaagggt atggtcctgg cgcgagctcc tgtgatggat acttggtttt 240
acatcaccta	cgagaaaagat cctgttctct atatgtacac gctgcttgat gactacaaag 300
atggtgactt	acgcattatt ccagattcca actactatth ccctacagca gaacaggagc 360
ctggagaggt	ggtcgacagt ctctgtgggca agcaggtgga gcatgccaaa gatgacgggt 420
ccaagagaac	tggcattttt atacatcaag tgggtggcgaa gccatctgtt tac 473

<210> 1979  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (62)...(862)  
 <223> similar to gi3184082 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1979	
ggaattcctg	ttggaagaat ttagacaaac tcagcaagtt cctccaaaca aaatagatta 60
tgaatatagt	gaattgatat tataccagaa tcaagtgatg agagaggcag atctgttgca 120

09433725.012100

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ggaatctttg gaacatatag aaatgtatga gaaacaaata tgtgataaac ttttggtgga 180
agaaattaaa ggggaaatac tggtgaaatt gggaagatta aaagaagcca gtgaagtgtt 240
caaaaacttg attgatcgaa atgcagaaaa ctggtgttat tatgaaggct tggaaaaagc 300
tctacaaatt agcacttttag aagagaggct tcaaatttat gaagaaatta gtaagcagca 360
cccaaagca attacaccca gaagattacc tttgactctt gtcccagggtg aaagatttag 420
agaactaatg gataagttcc tgagggttaa cttcagtaaa ggctgcccac ccttgtttac 480
tactttgaaa tctttatatt acaatacaga aaagggttct ataatccagg aacttgttac 540
taattatgaa gcctctctta aaacgtgtga ctttttttagc ccatatgaga atggggagaa 600
ggaacccccg acaacactac tctgggttca gtatttcctg gcacagcact ttgataaact 660
tggaacagat tctttggctt tggattatat taatgctgca attgctagta ctccaactct 720
aatagaatta ttctatatga aagcaaaaat ttacaagcat ataggtaatc tcaaagaagc 780
tgcaaagtgg atggatgaag cacagtcttt ggacacagct gatagattca tcaattccaa 840
atgtgcaaaa tacatgcttc                                     860

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<210> 1980
<211> 637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(425)
<223> similar to gil255796 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 1980
gtgcttcagt tgctgcactc cacgagcgac gtggtgcggc agtacatggc caggctcatc 60
aatgcttttg cgtcactggc agaaggctgc ctctaccttg cccagaacac aaagggtgctg 120
cagatgctgg agggaaggct gaaggaggag gacaaggata tcatcaccag ggagaatggt 180
cttgggggccc tgcagaagtt cagtctcagg cgcccgctgc agacagcgat gattcaagac 240
ggcctcatct tctggctggg tgatgttctg aaggaccctg actgcctgtc tgactacacg 300
ctggagtact cgggtggcttt gctcatgaac ctctgcctcc gcagcacagg gaagaacatg 360
tgtgccaagg tggcaggcct cgtgctcaaa gtcctttcgg atcttcttgg ccatgaaaac 420
catgagggtac tcattcagca ctgctggccc tgggctcggg gaggctacac tggggaccca 480
atgcctgtga cccacagggc acacagctgg cccaggatgg ttgctgtatt tgaaaactgt 540
acatgttctc tgtccttctg ggattttcat aagcaactgg aaatctttta taatttttag 600
aattttggaa gtcagaagca ggatgttctt tccgtcc                                     637

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<210> 1981
<211> 872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(736)

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<223> similar to gi5524741 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1981

gcgggggaat	tccacgtcac	tggatctgag	ctggaataac	ttccacacaa	ggggagctgt	60
ggccttgtgc	aatggtctcc	ggggtaatgt	gaccctgaca	aagctggatc	tctccatgaa	120
tggctttggg	aatgaggtgg	ctctggccct	aggggaagtc	ctccgactca	accgctgcct	180
ggtctacctg	gatacggtg	gcaatgacat	cggcaatgaa	ggggcctcca	aaatcagcaa	240
aggactggaa	tccaatgaaa	gcctcagagt	tctgaagctt	ttcctgaatc	ccataaatat	300
ggatggggct	atcttactta	tcctggctat	caagaggaac	cccaaataca	ggatggaaga	360
gcttgatatt	tccaacgtgc	tgggtgccga	gcagttcatg	aaaacgttgg	acggagtgtg	420
tgccgttcac	ccgcagctgg	acgtgggtatt	caaggcagta	caaggcctct	ctccaagaa	480
aaccatcttc	ttgttgacaa	accccatgaa	actgatccag	agctatgcag	accaacacaa	540
aatcacgata	gtggacttct	tcaagagctt	gaaccctact	gggacaatga	agatgtctgt	600
ggatgagttc	cagaaagcga	tgatagagca	aaacaaggtc	cccctgaacc	agtaccaggt	660
cagggaggtg	ataaagaagc	tcgatgagaa	gacaggcatg	gtgaacttca	gtttcttgaa	720
cacgatgaag	ccatagcaac	aagtctggtc	tagaaagaag	tctcggcgag	aggagtcctc	780
gcaagtcgga	tgggtggcagg	gaggagagca	agaggtggct	gaaatctcga	tggacagatc	840
ctgtggcagg	ggctgggcac	aagcaaataa	ag			872

<210> 1982

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (24)...(620)

<223> similar to gill127843 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 1982

attggagact	tgtagaccgt	gcggtggaat	tccatgaaaa	aattcatgga	ggaggaaaaa	60
cctttgattt	taaagaatgt	gggcagggtt	tgaaccccaa	aatatcccat	aatgaacaac	120
agagaattcc	ttttgaagag	agtcaatata	aatgtagtga	aacctctcat	agttcctccc	180
ttactcaaaa	catgagaaat	aattctgaag	agaaaccttt	tgaatgtaat	cagtgtggga	240
aatccttcag	ctggagctcg	catcttggtg	cacatcagag	aactcacaca	ggggagaaac	300
cttatgaatg	tagtgaatgt	ggaaaatcct	tcagccggag	ctcgcacctt	gtttcccatc	360
agagaactca	tactggagag	aaaccttaca	ggtgtaatca	atgtgggaaa	tcctttagcc	420
agagttatgt	ccttggtgtg	catcaaagaa	ctcactactg	ggagaagcct	tatgaatgca	480
atcaatgtgg	aaagtcattc	aggcagagct	ataaacttat	tgcacatcaa	agaacacata	540
ccggagagaa	gccctatgaa	tgtaatcaat	gtgggaaatc	atttatccag	agctataaac	600

<210> 1983  
 <211> 1571  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1117)  
 <223> similar to gi4468913 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1983

cagttg	cgat	gaatcg	ctgg	tagacatt	ac	cgaaat	cctt	gcagag	acca	tacttact	cc	60	
tgatga	at	ttt	gcaa	atgctg	ttcgtat	gga	aatcaa	agac	cagacg	aaat	gtgctgc	ctc	120
tgatgg	aa	att	ggtt	ctaata	ttctcct	ggc	tagaat	ggca	actagaaa	ag	caaaacc	aga	180
tgggcag	ta	c	caccta	aaaac	cagaaga	aagt	agatga	tttt	atcagagg	cc	agctagt	gac	240
caatcta	cca	ggagtt	ggac	attcaat	gga	atcta	agttg	gcatct	tttg	caattaaa	aac	300	
ttgtgg	agac	ttgcag	tata	tgaccat	ggc	aaaact	ccaa	aaagaat	tttg	gtcccaaa	aac	360	
aggtcag	atg	ctttat	aggt	tctgcc	gtgg	cttgga	tgat	agaccag	ttc	gaactg	aaaa	420	
ggaaag	aaaa	tctgttt	cag	ctgagat	caa	ctatgga	ata	aggttt	actc	agccaaa	aga	480	
ggcaga	agct	tttctt	ctga	gtcttt	caga	agaaatt	caa	agaagac	tag	aagccac	tgg	540	
catgaag	gggt	aaacgt	ctaa	ctctcaa	aat	catggt	acga	aagcct	gggg	ctcctg	taga	600	
aactgca	aaaa	tttggag	gcc	atggaat	ttg	tgataac	att	gccagg	actg	taactct	tga	660	
ccaggca	aca	gataat	gcaa	aaataat	tgg	aaaggc	gatg	ctaaac	atgt	ttcata	aat	720	
gaaacta	aat	atatcag	ata	tgagag	gggt	tgggatt	cac	gtgaat	cagt	tggttcc	aac	780	
taatcta	gaac	ccttcc	acat	gtcccag	tgc	cccatc	agtt	cagtca	agcc	actttc	ctag	840	
tgggtca	tac	tctgtcc	gtg	atgtctt	cca	agttcag	aaa	gctaag	aaat	ccaccg	aaaga	900	
ggagcac	aaa	gaagtatt	tc	gggctg	ctgt	ggatct	ggaa	atatcat	ctg	cttcta	gaac	960	
ttgcact	ttc	ttgccac	ctt	ttcctg	caca	tctgcc	gacc	agtcct	gata	ctaaca	aggc	1020	
tgagtc	ttca	gggaaat	gga	atgggt	ctaca	tactcct	gtc	agtg	gcagt	cgagac	ttaa	1080	
cctgagt	tata	gaggtccc	gt	cacctt	ccca	ggtacat	ttt	tgtagt	ccta	aatata	agta	1140	
catttt	tata	tcctaa	atat	aaataca	aaa	atacaag	ttt	acaaat	gaaa	atggc	at	1200	
tatttct	tca	tctgttt	taac	caagaa	aggg	agaacg	gggc	acttg	tttg	gtagat	catg	1260	
atgttg	gatt	ctaaata	agc	aatatt	tggg	ttgagt	gaaa	gtgct	tttg	aaagatt	tgc	1320	
cactctt	gca	agttg	taaag	catagct	gaa	aggcag	tcct	cctgtg	ggact	gccatt	gtct	1380	
gtgacag	tgg	tcatcat	gca	gacttact	gt	attcag	caag	gcagct	tttg	tgattag	tgg	1440	
tgaagta	gag	gccttat	gtc	gaagggt	ttt	tgcagt	at	gcaaac	aggt	ctctg	gagat	1500	
ttggat	gggt	taattc	agcg	tgtgtgg	gct	gtacat	gtga	tatact	gctg	gtcctt	gaaa	1560	
gtaaggt	agc	a										1571	

<210> 1984  
 <211> 1174  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(1031)  
 <223> similar to gi2072792 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1984

ggaattcgca	ctgtcaagaa	tgagttctcc	ctcaagacct	tcaagaggaa	gtccgaggtg	60
gatcgtgctg	tcaagaggat	gcggcatctg	tccacgggca	ccatgaccgg	gctggccatc	120
cagtatgccc	tgaacatcgc	attctcagaa	gcagaggggg	cccggcccct	gaggcagaat	180
gtgccacggg	tcataatgat	cgtgacagat	gggagacctc	aggactccgt	ggccgaggtg	240
gctgctaagg	cacgggacac	gggcatccta	atctttgcca	ttggtgtggg	ccaggtagac	300
ttcaacacct	tgaagtccat	tgggagttag	cccatgagg	accatgtctt	ccttgtggcc	360
aatttcagcc	agattgagac	gctgacctcc	gtgttccaga	agaagtgtg	cacggcccac	420
atgtgcagca	ccctggagca	taactgtgcc	cacttctgca	tcaacatccc	tggctcatac	480
gtctgcaggt	gcaaacaagg	ctacattctc	aactcggatc	agacgacttg	cagaatccag	540
gatctgtgtg	ccatggagga	ccacaactgt	gagcagctct	gtgtgaatgt	gccgggctcc	600
ttcgtctgcc	agtgtacag	tggctacgcc	ctggctgagg	atgggaagag	gtgtgtggct	660
gtggactact	gtgcctcaaa	aaaccacgga	tgtgaacatg	agtgtgtaaa	tgctgatggc	720
tcctaccttt	gccagtgcc	tgaaggattt	gctcttaacc	cagataaaaa	aacgtgcaca	780
aagatagact	actgtgcctc	atctaatac	ggatgtcagc	acgagtgtgt	taacacagat	840
gattcctatt	cctgccactg	cctgaaaggc	tttaccctga	atccagataa	gaaaacctgc	900
agaaggatca	actactgtgc	actgaacaaa	ccgggctgtg	agcatgagtg	cgtcaacatg	960
gaggagagct	actactgccg	ctgccaccgt	ggctacactc	tggaccccaa	tggcaaaacc	1020
tcagcccggtg	agtgtaccct	aggggtgggg	tgctgatgga	aggtgggggtc	cactcatggg	1080
ggcgggaggg	ttcactagca	accagttatt	tctggagccc	accgggtttc	ctgatggtct	1140
ggcaggtgta	tccttcctta	tcctcagttt	catt			1174

<210> 1985  
 <211> 1051  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (180)...(1054)  
 <223> similar to gi4558637 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1985

gagaccttgt	cttaaaaaaa	taaaatgctg	tcagaataaa	aagcagtcaa	cagaaatgaa	60
acccttataa	gagacaaata	aatgtgggca	attattttct	gcaaaatgcc	ctccaagccc	120
ctgggagcca	ttgccttctg	taataggaca	tcacctgaac	aggctttctg	ggctggagcc	180
aaggaccctc	cctgactccc	acctcccttt	ctgccttgta	ccccagccag	gtggaagaga	240
ccggagtggg	gctgtccctg	gagcaaacgg	agcaacactc	tcgcagaccc	attcagcggg	300
gcgccccctc	tcagaaggac	accctaacc	ctggggagac	ccttgacacc	cctggccccc	360

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ggatccttgc cttcctgcac ccgccttccc tgagcgaggc tgccctggcc gctgaccccc 420
gccgttttctg cagccctgac ctccgtcgcc tcttgggacc catcctggat ggggcttcag 480
tagcagccac tcccagcacc ccgctggcca cacggcacc ccaaagtcct ctttcggctg 540
atctcccaga tgaactacct gtgggcaccg agaatgtgca cagactcttc acctccggga 600
aagacactga ggcagtggag acagatttag atatagtctca ggatgctgat gctctggatt 660
tgagatgct ggccccctac atctccatgg atgatgactt ccagctcaac gccagcgagc 720
agctacccag ggcctaccac agacctctgg gggctgtccc ccggccccgt gctcggagct 780
tccatggcct gtcacctcca gcccttgagc cctccctgct accccgctgg gggagtgacc 840
cccggctgag ctgctccagc ctttccagag gggacccctc agcatcctct cccatggctg 900
gggctcgga gaggaccctg gccagagct caaaggacga ggacgagga gtggagctgc 960
tgggagtgag acctcccaaa aggtcccca gccagaaca cgaaaacttt ctgctctttc 1020
ctctcagcct gagtttcctt ctgacaggag g 1051

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<210> 1986
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(423)
<223> similar to gi4455015 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 1986
gtgaactcca agactgtttt gatgttcatg atgcatcttg ggaagagcag atattctggg 60
gatggcataa tgatgtccac atatattgaca caaagacaca gacttggttt caaccagaaa 120
ttaaagggtg agttccacca cagccacgag ccgcgcatac gtgtgcagtt cttggaaata 180
agggttatat ctttggcgga cgtgttctgc aaactaggat gaatgatttg cactatctaa 240
acctagacac ctggacttgg tctggaagga ttactattaa tggagaaagc ccaaaacatc 300
ggtcatggca tactttaaca cctatagctg atgataaact tttcctatgt ggtggactaa 360
atgcatataa tatgccatta agtgatgggt ggattcataa tgtcacaaca cattgttggg 420
aac 423

```

```

<210> 1987
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(455)
<223> similar to gi437444 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1987
gcggtggaat tcctcacacg ggagagaaaac cctatgcatg taaggaatgt ggaaaaccat    60
ttagtaattt ctctttcttt caaatacatg aaaggatgca cagagaagag aagccgtatg    120
aatgtaaggg ttatgggaaa acattcagtt tgcccagttt atttcataga catgaaagga    180
ctcacactgg aggaaaaacc tatgaatgca agcagtgtgg cagatccttc aactgttcga    240
gctcctttcg atatcatgga aggactcaca ctggagagaa accctatgaa tgcaagcaat    300
gtggaaaagc cttcagatct gcctcacagc ttcaaattca tggaaggact cacactggag    360
agaaacctta tgaatgtaag cagtgtggga aagcctttgg atctgcctca caccttcaaa    420
tgcattggaag gactcacact ggagagaaaac cc                                452

```

```

<210> 1988
<211> 548
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (76)...(519)
<223> similar to gi2621106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1988
gttcagccag actcctgata agagaatctg gcggccttca gccataattc ccttcggaag    60
cttttgcaaa gcctcctggc cttccaagaa gatgatattg gtgcccataat gaatgtagga    120
agaacttata aaaattttaa tagaaccaaa gaagctgaag aatcttacat gatggctaaa    180
tcaatgatgc ctcaaatat tcttggtaaa aaatatgcag ccagaattgc ccctaaccac    240
ctaaatgttt atatcaatct ggctaacctg atccgagcaa atgagtcccg actggaagaa    300
gcagatcagc tgtaccgtca agcaataagc atgaggcccg acttcaagca ggcttacatt    360
agcagaggag aattgctttt aaaaatgaat aaacctctta aagcaaagga agcatatctt    420
aaagcactag agctggacag aaataatgca gatcttttgt acaacttggc aattgtacat    480
attgaactta aagaaccaa tgaagccctg tattgcggcc gctctagagg atgcaagtnn    540
ncgaaggc                                548

```

```

<210> 1989
<211> 407
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (3)...(410)  
 <223> similar to gi4519270 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1989  
 gagagaagcg taatacacgt aaacaatttt ggaaaacctt cagttattgc cactcgtttc 60  
 aaacccacaa aatttctcac acaggacaca aaccatatga ttgtaaggaa tgtaggaagt 120  
 ccttcaattc tttgggaaac cttcaaagac acatggcagt gcagcatgga gatggacctt 180  
 ataaatgtaa gttgtgtggg aaagcatttt tctggcccag ttattttcgt atgcatgaaa 240  
 gaactcactc tggagagaaa ctatatgaat gtaagcagtg ttctaaagcc tttcattttt 300  
 acagttctta tctaagacat gaaagaacac gtactgggga gaaactgtat gaatgtaagc 360  
 agtgttctaa agccttcctt gattacagtt cttgtctaag acatgaa 407

<210> 1990  
 <211> 838  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (45)...(835)  
 <223> similar to gill195548 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1990  
 cggacgcgtg ggaagtcctt tatgtttctg gaaattctgc tgaggatttc tttgtagatt 60  
 atggcaataa gtctcatgta gatctacatc ttttgatgga gattccctgt caatttcttg 120  
 aacttccttt ccaggctttg gaatttaaga tttgcaaaat gagaccatca gcaaagtctc 180  
 ttgtttgtgg caagcactgg agtgacgggg ccagccagtg gttcgctctt ctggtgagcg 240  
 gctgcaccct ccttgtgaag gtcttctctg tgggtgcacag cgtcctgcac gtggatgtgt 300  
 accagtactc aggggtccag gatgccatca acataagaga cgtcctcatc cagcagggct 360  
 atgccgagct cacggaggag tcctacgagt ccaagcaaag ccatgaagtt ctcaagggcc 420  
 tcttttccaa gtcagtagaa aacatgacag atggctctgt gccctttccc atgaaagacg 480  
 acgagaaata tctcatccgg attttgttag agagcttttc taccaataaa ctgggtactc 540  
 caaactgtaa ggcagaactt cacgggcctt ttaaccctta tgaactaaag tgccatagtt 600  
 tgaccagaat atccaaattc aggtgtgttt ggattgagaa ggagagcatc aactctgtca 660  
 ttatcagtga cggccctgaa gaccttcacc agagaatgct ggttgagct tccctttcca 720  
 tcaatgcgac tggatctacg atgctgctga gagaaacctc tctgatgcct catatccctg 780  
 gcctcccggc tctcctcagc atgttattcg caccggtgat agagttaagg attgatca 838

<210> 1991  
 <211> 1135

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1136)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (102)...(676)
<223> similar to gi3874618 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1991
ggattcgatc cccttnnnnn ntntaactga tgnncctagt ccgtgtggtg gaattcctct      60
tggacctggt ggacaggagc tggggcggct gcaggtccct gcacagcaac gaggcattcc     120
ttgctcaggc aagacacatc ttgtcatctg ttgaagaatt cacagcagct caggacagct     180
ctgcgatggt ggggtgaagat gtcggctccc tggctctgga gagtaagtcc ctgcaaagcc     240
gccttgctga gcagcagcag cagcacgccc gggagatgag cgaggtgacg gcggagctgc     300
accacgcaca caaggagctg gatgatttga gacaacattt agataaatct ttggaagaga     360
acagtagggt aaaatcgctt ttgttgagta tgaaaaagga agtgaagagt gcagacactg     420
cagccacggt aaatttgtag atcgctggac ttcaaacaag tgtgaagagg ctgtgtggcg     480
agattgtgga actgaagcag cacctggagc actacgacaa gatccaggag ctcacgcaga     540
tgctgcagga gagccacagc tccctggtca gcaccaatga acacctgctg caggagctga     600
gccaggtgcg ggcgcagcac agagccgagg tggagcagat gcaactggagc taccaggagc     660
tcaagaagac catggccctg tttccacaca gcagcgccag ccatggaggc tgccaggcct     720
gctgactcct gccgagaagc tggggccacc cttaaagcttc ctggtaaaagt tacattgtct     780
gcacctttgt acttctttat tgagtgtact ggctggcaag agttctctct tctgttggtg     840
attatttagg atttttggaa tgtattcagg acctgtagct tggtttttcta aagcacctcg     900
taaaatgata tgattactcc aagccccctc gcatgttttc agacagaaca cattgacata     960
ttttgagaca aactgactat taatcttgta tccagtatcc tgagatgaag taaatgcagt    1020
gttttactgc ctgatgtgaa agagagctat gtatgataat taaagaaaat aattttctgt    1080
gtaacaagca atctttatct aataaacaata taacattggt ttgaaaaaaaa aaaaaa     1135

```

```

<210> 1992
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(571)
<223> similar to gi2317715 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1992

```





```

<400> 1994
cggtcccggg agcgtgtctg ggtttggggg cgggagacag gctgagccgc ctgggcggcc 60
tggcctgtac ggggcggggg aggccatggc ctcggtctgag ttgcagggga agtaccagaa 120
gctggctcag gagtactcga agcttcgggc tcagaatcag gttctgaaaa aaggtgttgt 180
ggatgaacaa gcaaattctg cagctttaaa ggagcaactg aaaatgaagg atcagtcatt 240
gagaaaacta caacaggaaa tggacagttt gacatttcga aatctgcagc ttgccaagag 300
ggtagaacta cttcaagatg aactagctct aagtgaacca cgaggcaaga aaaacaagaa 360
aagtggagaa tcttcttctc agttgagtca agagcagaag agtgtctttg atgaagatct 420
gcaaaagaag atagaagaga atgaacgggt gcatatacaa ttttttgaag ctgatgagca 480
gcacaagcat gtggaagcag agctgaggag tcgactggcc actctggaga cagaagcagc 540
ccagcaccaa gctgtggttg acggtctcac ccggaagtac atggaaacca ttgagaagct 600
gcagaacgac aaggctaaac tagaagtga atctcagact ctagaaaagg aagccaagga 660
atgtcgactt cgaacggaag aatgtcaatt acagttaaag actcttcattg aagatttgct 720
aggtagatta gaggaatcct tatcaatcat caatgaaaaa gtacctttta atgatacaaa 780
atatagtcag tacaacgctt tgaacgttcc actccacaat aggagacacc agctgaagat 840
gcgagatatt gctgg 855

```

```

<210> 1995
<211> 492
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (492)...(8)
<223> similar to gi2764748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1995
tgggggggga gggtaggggn nnaattgaaa ttcgatgaca gtggngcaat tcccggcggc 60
gttcaggcac cttttggggc cgtcaggaac atctacaccc cgcggactgg ccaccgaatc 120
cggaagctag accagatcca gagcgggggc aattacgtgg ctggaggcca ggaagccttc 180
aagaaactca attacttgga cataggagaa atcaagaaaa gaccaatgga agttgttaat 240
acagaggtaa aaccagtaat ccatagcagg atcaacgtgt cagctcgctt tagaaaaccg 300
cttcaggagc cgtgcactat cttcttgatt gcaaattggag acctcataaa cccagcttct 360
cgctctctta tccccagaaa aaccttgaat cagtgggata atgtactaca aatggtcaca 420
gaaaaaatca ctctgaggag cggggctgtt cacaggctct atactttaga aggaagactt 480
gttgagagtg ga 492

```

<210> 1996  
 <211> 1658  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (882)...(1493)  
 <223> similar to gi5734466 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1996

tttgtatttt	tttagtagaa	acgaggtttc	tccatattgg	tcaggctggt	ctcgaactcc	60
cgacctcagg	tgatccgccc	gcctcagcct	cccaaagtgc	tgggattaca	ggcgtgagcc	120
accgcacccg	gcctgctgta	ccttctttgt	gcctcagttt	ccctctttat	tcaatggggc	180
tatcttccag	ggtagcctcg	aggctaagat	ctgaatccat	ggcccccttac	tgtctgctcc	240
tttcctctcc	taaggactcc	agtgggggtg	actcatgtgc	ttctgaggag	gaaccaacct	300
ttgaccccg	ctatgaacct	gactgggctg	tcacagcac	tgtgcggcca	cagccctgcc	360
actcagaccc	cacgagaggt	gcagagccca	gctgccccca	gggctcctgg	gccttctcag	420
tgagtctggg	ggagctaaag	tccatccgcc	gctccaagcc	aggcctcagc	tgggcctacc	480
tggttctggt	gacccaggct	ggaggttccc	tgcccgcact	gcacttccac	cgcgggggca	540
cccgcgccct	gctccgcgtc	ctcagccgct	acctgctgtt	ggccagctcc	ccgcaggact	600
cccgcctcta	ccttgtcttc	ccccacgact	cctctgctct	ctccaactcc	ttccaccacc	660
tgcagctctt	tgaccaggac	agctccaatg	tgggtgtcag	cttcctccag	gatccctact	720
ccaccacctt	cagcagcttc	tcccagtgta	ccaacttctt	ccggggtgcc	ctgcagccac	780
agcctgaggg	agccgcctcc	gaccttcccc	cgccacccga	cgatgagccc	gagcctggat	840
tcgagggtcat	ttcctgtgtg	gagctggggc	ctcggccaac	cgtggagcgg	ggccctccag	900
ttacagagga	ggagtgggca	cgccacgtgg	gccctgaagg	tcgcctgcag	caggtccctg	960
agctgaagaa	ccggtacttc	tcgggggggtc	tgagccccag	cctgcggcgc	gaggcctgga	1020
agttcctcct	agggtacctc	agctgggaag	gcacagctga	ggagcacaag	gcccacatac	1080
gcaagaaaac	ggatgagtat	ttccgcatga	agctgcagtg	gaaatctgtg	agccctgagc	1140
aggagcggag	aaactcactt	ctgcatggat	accgcagcct	catcgaaagg	gatgtgagcc	1200
gactgacag	gaccaacaag	ttctacgagg	gtcccagaga	cccggggctg	ggcctgctga	1260
acgatatact	cctcacctac	tgcatgtatc	acttcgacct	cggctacgtc	cagggcatga	1320
gtgatcttct	ctcccccatc	ctctacgtca	ttcagaacga	ggtggatgct	ttctggtgtt	1380
tctgtggctt	catggagctc	gtgcaaggga	actttgaaga	gagccaggag	accacgaagc	1440
ggcaactcgg	gcgactgctg	ctgctcctga	gggtgctgga	ccccctgctc	tgcgacttcc	1500
tgggtatgtc	tctcgggagg	gtgggcagga	gacaatgggg	ccatagacct	tgccagattc	1560
tctggtagca	gccacagtgg	catcctggac	attgggtcct	gatccaaaca	agagaaacat	1620
ccccacacaa	cctagaatgt	agaggcagaa	ttgctgtt			1658

<210> 1997  
 <211> 947  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (15)...(800)  
 <223> similar to gi4220590 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1997

gcggtggaat	tcgcgaggac	gagtgggtact	gccctgagtg	ccggaatgat	gccagcgagg	60
tgggtactggc	gggagagcgg	ctgagagaga	gcaagaagaa	ggcgaagatg	gcctcggcca	120
catcgtcctc	acagcgggac	tggggcaagg	gcatggcctg	tgtgggcccgc	accaaggaat	180
gtaccatcgt	cccgccaac	cactacggac	ccatcccggg	gatccccgtg	ggcaccatgt	240
ggcgggtccg	agtccagggtc	agcgagtcgg	gtgtccatcg	gccccacgtg	gctggcatac	300
acggccggag	caacgacgga	gcgtactccc	tagtcctggc	ggggggctat	gaggatgacg	360
tggaccatgg	gaattttttc	acatacacgg	gtagtgggtg	tcgagatctt	tccggcaaca	420
agaggaccgc	ggaacagtct	tgtgatcaga	aactcaccaa	caccaacagg	gcgctggctc	480
tcaactgctt	tgtctccatc	aatgaccaag	aaggggccga	ggccaaggac	tggcggtcgg	540
ggaagccggt	caggggtggtg	cgcaatgtca	aggggtggcaa	gaatagcaag	tacgcccccg	600
ctgagggcaa	ccgctacgat	ggcatctaca	agggttgtaa	atactggccc	gagaagggga	660
agtccgggtt	tctcgtgtgg	cgctaccttc	tgcggaggga	cgatgatgag	cctggccctt	720
ggacgaagga	ggggaaggac	cggatcaaga	agctggggct	gaccatgcag	gtgtgtctgg	780
gatgggggat	ggcacttttg	gaggccaagg	cggatggatc	acttacgtta	ggagttcaag	840
accagcctgg	ccaacatggt	gaaacctcat	ctctactaaa	aatacaaaaa	ttagctgggt	900
atggtggcgg	gtgcctgtaa	tcccagctac	tgaggtggct	gaggcag		947

<210> 1998

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(453)

<223> similar to gi3327090 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1998

acggccgcca	gcagcgggaa	caggaacaga	ggcggctgag	ccaggaacgg	gatcgcctag	60
agggctcttcg	ccagagactc	cgcaaggccc	agggacagct	cgactcacag	ccagaggacc	120
aacgcgagcg	gcttctgcag	ggtgtgcagg	agatgaggga	acaactggat	gtggcccaac	180
gtgcctatga	ggacctggag	ttccagcaac	tggagcggga	gagccggcag	gaggaggagg	240
atcgggacag	cctcggggcc	caggtgccag	accccaagg	ccaggaactc	caggccagca	300
tggcgagca	cagacaccgg	atccgggtcc	tgggaagagca	gctcaagtca	ctgggggagc	360
agatggcagc	cgagagccgg	gggttgagcc	ggaagaagga	ggaggccctt	caggccctgt	420
cacaggaacg	gagccggctg	ctcgagctca	attgccttca	gggaacacct	ggcggtgact	480
tctctgagcc	caaccgggcc	ctcactaagc	tgtgtttcac	ccaaaagaca	gaccgccagc	540
tgcttgtgct	ccaggatgcc	gtggcccact	ccgctgtcac	cc		582

<210> 1999  
 <211> 980  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (326)...(709)  
 <223> similar to gi202523 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 1999  
 agcgtgtcga attccaccta cgtggtagag aggggcggct gtgtggcggt ttgtcacatc 60  
 tagatccatg ttttgcttcc ctggagccgc attcttttag gactaccttg atttattccg 120  
 tccctgggct ggtggggccg aggagtgtcg gaggagagcc agtgctttgc gtggtcctct 180  
 gaattctgcc aggtagccct gctccggcgt ccgtgaaggg gccaggacag tgtccgccag 240  
 gaggggctgt gctcccagac aggaagcagg agaggttgca gccctgttct gaccctgcca 300  
 ttccgccctc tcctcacccc tgccccacag ggactgcata gccctctgct tcctcaacag 360  
 cggcaccagc tttgtggccg gctttgccat cttctccatc ctgggcttca tgtctcagga 420  
 gcagggggtg cccattttctg aggtggccga gtcaggccct ggcttggtt tcatcgctta 480  
 cccgcgggct gtggtgatgc tgcccttctc tcctctctgg gcctgctgtt tcttcttcat 540  
 ggtcgttctc ctgggactgg atagccagtt tgtgtgtgta gaaagcctgg tgacagcgct 600  
 ggtggacatg taccctcacg tgttccgcaa gaagaaccgg aggggaagtcc tcatccttgg 660  
 agtatctgtc gtctccttcc ttgtggggct gatcatgtc acagaggtga gggcctggga 720  
 agcgggggaa ggctggggag gaggagccaa gtgacagctg ctacctgtca gtgaggcaga 780  
 taccctggct cccggtcagg gcaggctctc tgggcttctg gacactagga ctccctcttt 840  
 tccccatccc aggaacgaca aagtaggcag gtccctctc tggcctttgg gcatggacca 900  
 cccacctcca gggatgggtg aggagccatt tggctccaca gtaagtgaag aggtatgtgg 960  
 agcattggat tgggagaagc 980

<210> 2000  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (136)...(415)  
 <223> similar to gi3979818 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2000  
 aatgaaacta gagcatagtc cgtgcgggtg aattaaata aatactgggg cagcagacag 60  
 gggccagcct gcctgtcctg aggcttgttt tctctcgtgg gcagcttccg ggcatttgtg 120  
 gaggacagtg aggacgagga cggcgctggg gagggcggct ccagtttgct gcagaaacgt 180

```
gccaaaacca ggcaggagaa ggcccaggag gagggccgact acatcgagtg gctgaaggga 240
cagaaagaga ttcggaaccc agattccctg aaggaaactga cgcattctca ggaatactgg 300
aacgaccctg agttggatga aggggagcgg ttcttgccggg attacatcct caacaaacgc 360
tatgaggagg aggaagagga ggaggaagat gaagaggaaa tggaggaaga ggaggggtcc 420
acggtccccc agtccagctg gctgtggaca 450
```

```
<210> 2001
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(598)
<223> similar to gil871168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2001
actgctccgc cagcaacttc tctgtggtct atactcgcta tgggaagtgt tacaccttca 60
acgcggaccc gcggagctcg ctgcccagcc gggcaggggg catgggcagt ggcctggaga 120
tcatgctgga catccagcag gaggagtacc tgcccatctg gagggagaca aatgagacgt 180
cgtttgaggc aggtattcgg gtgcagatcc acagccagga ggagccgccc tacatccacc 240
agctgggggt cggggtgtcc ccaggcttcc agacctttgt gtcttgccag gaacagcggc 300
tgacctacct gcccagccc tggggcaact gccgcgcaga gactgagctc agggagcctg 360
agcttcaggg ctactcggcc tacagtgtgt ctgcctgccg gctgcgctgt gaaaaggagg 420
ccgtgcttca gcgctgccac tgccggatgg tgcacatgcc aggcaatgag accatctgcc 480
caccaatat ctacatcgag tgtgcagacc acacactggg tccgtgctgc ctaccttttc 540
ctacctctcc atcagcctct tcatgtctct gtccactctt ctctcactg tcttgatcc 600
t 601
```

```
<210> 2002
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(475)
<223> similar to gi3043568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2002
ctcgagatac ctagtcaagt tgggtggaatt cgcagaagca gttcatcaga gacgtgttgg 60
```

```
actgtgaggc ggatgaaatg gacttctcct tcatggatat ggatgatgcg ctccggaagt 120
tccagtccca tatccgggtt cagggtgagg cccagaaagt ggagcgactc atcgaagcct 180
tcagccagcg gtactgtgtc tgtaaccag ccctcgtgcg ccagttccgg aaccagaca 240
ccatcttcat ccttgctttt gccatcatcc tcctcaatac cgacatgtac agtcccagcg 300
tcaaagctga acgaaagatg aaactagatg acttcatcaa gaacctgaga ggggttgaca 360
atggtgaaga catccccga gacctcctgg tgggcatcta ccagcgcatc caggggctg 420
aactgcggac caacgatgac catgtgtccc aggtgcaggc tgtggagcgc at 472
```

```
<210> 2003
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(211)
<223> similar to gi431020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2003
ttcagagtttc actagcccag tgtgatgggc ttctccggtc gggtgaaaaa tccgggactg 60
tgggaactgc cgttcggcac caccgcacgc gagatcctcg aagattacgc cggtgggtatg 120
cgtgatggtc tgaaatttaa agcctggcag ccaggcggcg cggggactga ctctctgacc 180
gaagcgcacc ttgatctgcc gatggaattc tgagctaaac tgctcgagac ggcgctaattg 240
tacgcctaaa actgaaacga gacaagaggc attttcttat ttacttttag taacttacia 300
gtgtctcata tcggcgacag tttaatttct gacggtaata attagatatt cagcgaagga 360
aaaaacctta agaaaaaagc cataaaaacc atgaggttat tatggccgat ttgaggaggg 420
aaagagtaag agcagtttgt taaatgtacg 450
```

```
<210> 2004
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(633)
<223> similar to gi5305702 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2004
cccacgggaa gggcaggtga agcaggggct gctgggggat tgctggttcc tgtgtgcctg 60
gcgcgcgctg cagaagagca ggcacctcct ggaccaggtc attcctccgg gacagccgag 120
```

```

ctgggcccac caggagtacc ggggctcctt cacctgtcgc atttggcagt ttggacgctg 180
ggtggagggtg accacagatg accgcctgcc gtgccttgca gggagactct gtttctcccg 240
ctgccagagg gaggatgtgt tctggctccc cttactggaa aaggtctacg ccaaggcca 300
tggtgctctac gagcacctgt gggccgggca ggtggcggat gccctggtgg acctgaccgg 360
cggcctggca gaaagatgga acctgaaggg cgtagcagga agcggaggcc agcaggacag 420
gccaggccgc tgggagcaca ggacttgtcg gcagctgctc cacctgaagg accagtgtct 480
gatcagctgc tgcgtgctca gcccagagc aggtgaggca cgtggccagc atgggagggc 540
tgcagccagc gtgcccccca ctgccaggcc tcaggcacac ttagctttt tatgtgactg 600
gctacacagc cctgtcagga ctaagtggga agaagtaagc ttgttctcaa ggggtggtgc 660
ctcagtttgt gaccttcccc tgctgtcctc ttccagaggg acgtggccct tctctcccct 720
gaccagtctt ttccactagt gcgaggcagg g 751

```

```

<210> 2005
<211> 495
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (35)...(257)
<223> similar to gil64036 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2005
accctatcg tagaccctag tccatgtggt ggaattcgcg ggtgaacatg ccgaggccat 60
cgctagccgg gagcaggagg tgctgcaggg ttggaaagag ctgctgtcag cctgtgagga 120
tgcccgcctg catgtcagct ccacagccga cgcctgcgc ttccacagcc aagtccgcga 180
cctgctctcc tggatggatg gcacgcagcag ccagattggg gcagccgaca agcccagggtg 240
cccctcatcc ctctcggggc ttctgcctc cccctggtgg cctaccccag ccaccccag 300
ccattgaca gcccccttct caatggaatg acaacagcca atatctgtgt gnnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnntcgtg tgtattcaga cccctttttt aggcctgtca 420
ttggggactt cggtcaggg gcacccctct gtccgctgtc cttcccagnt gcctattatt 480
accctctcca tggga 495

```

```

<210> 2006
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (12)...(447)  
 <223> similar to gi732819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2006

ggaggaattc	cttctacaat	gaagctgtca	attatgatac	ctgcaagcag	tgtacacagt	60
gcaaccatcg	aagtgggaagt	gaactcaagc	agaattgcac	acctactcag	gatactgtct	120
gcagatgtag	accaggcacc	caacctcggc	aggacagcgg	ctacaagctt	ggcgttgact	180
gtgttcctcg	ccctcctggc	cacttttctc	caggcaacaa	ccaggcctgc	aagccctgga	240
ccaattgtac	cttatctgga	aagcagaccc	gccaccagc	cagtgcacagc	ttggacgcag	300
tctgtgagga	cagaagcctc	ctggccacac	tgctctggga	gaccagcgc	cctacattca	360
ggccaaccac	tgtccaatcc	accacagtct	ggcccaggac	ttctgagttg	ccctctccac	420
ccaccttggt	gactcctgag	ggcctgg				447

<210> 2007  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(393)  
 <223> similar to gi2337774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2007

ttagtgtgct	ggcagacagc	ggcgatattg	agtccattcg	ccattatcat	ccccaggatg	60
ccaccaccaa	tccttcgctg	ttactcaaag	ctgccggatt	atcacaaat	gagcatttaa	120
tagacgatgc	tatcgcttgg	ggtaaaaaaa	atggcaagac	ccaggaacaa	caggtggctg	180
cagcgtgtga	caaaactggc	gtcaatttct	gtgctgaaat	cctcaaaatc	gtacccggtc	240
gcgtgtcaac	agaagttgat	gcacgcctct	cttttgataa	agaaaagagt	attgagaagg	300
cgcgccatct	ggtggacttg	tatcagcaac	aaggcgttga	gaaatcacgc	attctgatca	360
agctggcttc	gacctgggaa	ggaattcgat	atc			393

<210> 2008  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (198)...(587)  
 <223> similar to gi3152662 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 2008

tcccgtccga	acctaggttg	cccttccgtg	tgatagggtc	tacactggcc	agggaggggg	60
ttttggagga	gaggctgctc	tctcttcagt	tcctccccct	gttcctggcc	acacggatcc	120
caaaccat	gccctgagct	ggtccaggcc	gtgtaggcca	gaccagtcaa	agccacctcc	180
aacctccgct	tccaccagt	cccctgggtg	ccaagatctg	ccctagtga	acctacaaag	240
tgtggaagag	cggccagaac	ctgagggtag	acaccacact	cctgggcttt	gaccacatga	300
cctggcagcg	agggaaaccg	agctttgtct	tcaggggcca	agacacaagc	gccgtgggtca	360
tggagattga	ccacgaccgc	cgggtgggtg	acacagagac	tctggcactg	gctgggcagg	420
accgggagct	gctgctggct	gctgctcagc	ccactgagga	acaggtgctg	agccggctta	480
ccgcgccgt	cgtcaccact	cagcttgaca	ccaagaatat	ctcctttgag	aggaacaaga	540
ctggcatcct	gggctggcgc	actgaaaaga	cggagatggt	gaat		584

<210> 2009

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (122)...(466)

<223> similar to gi53169 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2009

aattggacca	tagagatccc	taggcagtgt	ggtggaattc	caagagccga	agagccagtc	60
ctcactgggg	tgcagagggc	tctttggggg	cagagcgggc	actgcatgga	ccctgcaccc	120
tggagctgat	gttcaggtca	caaagctggt	gaagaactac	cggccccacg	aggccctgct	180
gatgctgccc	tcacggctgt	tctaccacag	ggaactcgag	gtctgtgcgg	acccacagtc	240
ggtgacctcc	ttgctgggct	gggagaagtt	gcctaagaaa	ggcttccctc	tcatcttcca	300
tgggtgtcgg	ggcagcgagg	cacgggaggg	aaaaagccca	tcgtgggttc	acccggccga	360
ggccgtccag	gtcctgcgct	actgctgcct	cctggccccac	agcatctcca	gtcaggtgtc	420
tgccagcgac	attggcgctc	tcacgcccta	ccggaagcag	gtacgccctg	cccaggcagc	480
cctggttctg	tgaggtccct	gcagccctgc	tccttggtc	ctgcagctcc	acagaggcag	540
gaacaagctc	cttgtgagca	gcagcaggtt	tttaaagggg	caggaccgca	cttgaatgtc	600
gttcaacatg	agaggtcacc	caactgccat	ccatggggcca	gttccgggca	gctgccagg	659

<210> 2010

<211> 418

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(420)  
 <223> similar to gi3511122 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2010  
 acttgagcgt ggcgaggagc cctgggttcc cagtggaaag gacatgaccc tggccaggaa 60  
 cacctacggg aggcctcaact ctggttcctg gagtttgaca gaggatagag atgtttctgg 120  
 agaatggcca cgagcttttc cagatacccc acctgggatg actactagcg tcttccctgt 180  
 tgccgatgcc tgccacagtg taaaaagcct gcagcgacaa ccgggtgcct ccccatctca 240  
 ggagagaaaa cccacggggg tgctcggatg ctattgggag aggcctcctgc taggctcgcg 300  
 cagtgaccag gccagcatca gcctgcgact gacctcccca ctcaggcccc ccaagagcag 360  
 ccggcccagc gaaaagacct tcacagagta ccgggtgcct gggaggcagc ccacgacg 418

<210> 2011  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (14)...(652)  
 <223> similar to gil480005 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2011  
 actagtccag agtgggtggaa ttcacctgac ggtgaacctc gctgcgcccc acggtcctgg 60  
 cgctttcttc cgctacatgc gccagcccat caaacaggag ctcatctgca agtggctggc 120  
 ggccgacggc accgcgaccc cgagcctctg ctccaaaact ttcagcacca tgcacgagct 180  
 ggtcacgcac gtcaccgtgg agcacgtcgg cggcccggaa caggccaacc acatttgctt 240  
 ctgggaggag tgtccgcgcc agggaaagcc cttcaaagcc aaatacaaac ttgtaaatca 300  
 catccgcgtg cacacggggc agaagccctt cccttgtcct ttcccggggg gtgggaaggt 360  
 ctttgctaga tcagaaaatc taaaataaca caaacgaact cacacaggcg agaagccctt 420  
 cagatgcgag ttcgagggct gcgagcggcg cttcgccaac agcagcgacc gtaagaagca 480  
 ttgcgacgtg cacactagcg acaagccata cacgtgcaag gtgcggggct gcgacaagtg 540  
 ctacacgcac cccagctcgc tgcgtaagca catgaaggtg cacgggcgct cgccgcgcgc 600  
 cagctctggc tacgattcgg ctacaccgtc tgccctcgtg tcgcccctgt 650

<210> 2012  
 <211> 976  
 <212> DNA  
 <213> Homo sapiens



```

gttccccgga aggggagcctt tccccagcca gaggagacgg ctctcctatc ctcaatgggtg 600
ggagttttgtc tccaggaacg gcagctgtgg gtggctcttc tttggacagt cctgtacagg 660
ccatatctcc aagtactcca tctgctcctg aaggatacga cctgaaaata ggacttttctt 720
tggccccccg acgaggatca ctaccagatc agaaagatct gagattagga tccatagatc 780
tgaattggga tctgaaaccc gcttccagta gtaatcccat ggatggcatg gacaatagga 840
cagttggggg aagtatgaga caccctcctg aacagacaaa tgggtgtgcat accccacctc 900
acgtggccag tgcctttgca ggggccgtct ccccaggtgc cctgcgtcgg agtctggaag 960
ccatcaaagc gatgtcctcc aaaggcccct cggcctctgc agcactaagt cctcctcttg 1020
ggtctttctcc aggtctctct gggagccaga gtttgagcag tggagaaaca gtgcccaccc 1080
ctcgcccagg gcctgcccac ggagatggac attccttacc tcccattgct cgccgcctgg 1140
gccaccaccc tccacagtcc ctaaagtgtg gcaaaccctc ataccagagt atgaactgca 1200
agccccatgca gatgtacgtg ctggacatta aagacaccaa ggagaagggg cggttcaaata 1260
ggaaagtatt taatagcagt tctgtggttg gacctcctga aaccagcctg cataccgtgg 1320
tacaaggcag ggggtgaactc atcataattg gaggactcat ggacaagaaa cagaatgtga 1380
agtactatcc aaaaacaaac gccttgtact ttgtacgagc aaagagataa tgtgttctaa 1440
acccctttcc ttttctgtgg cttttaattt ggaattttcc agtgtgtaag catttggaact 1500
gagaattggg aaaacaaaat tactcccaga agccaaaact ctttaattcc caaccgaagt 1560
cactccaggc tgggatcaaa tctccattaa gaaaaaaaat tatatataaa tatatatata 1620
tatattatat agccaactct gttgacaaaa aaaggagagag atttccatcc tggttcagat 1680
aaagtttgtg gctgtgtttt aacaggggct gggctgcctt tttctacctt gctggtaact 1740
agaccaagaa gttagagaat agactaacat cagtaacttc caaaagaaa ctgaagagcc 1800
ccctgtaaat ctttatgtgg ccttcttgga gttaaaaaat gaaagggcat atgtaagtgt 1860
caaaggtgga gggttttaga ctctcatgct tcaggtgctg tcggggtaaa agtaactgtt 1920
tttccccctt tcttaaaacc acagaggacc tgtgacagct ctgcagaaat tgcagtgcct 1980
ggccccctct tgccttttat ggctgaggaa agttacccaa caaaggattt tattccaaaa 2040
aaaaaa 2046

```

```

<210> 2014
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(717)
<223> similar to gil57409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2014
ggaattcagg ggaaggtgtg caaagctgga agtcctgcgg ggcatgtctg tgttctgagt 60
cagggccctg aagagatctc tctgcctttg tgggctgtgc ctgccatcgt gggcagctgc 120
gcaaccgtct tggccctcct ggtccttagc ctgatcctgt gtaaccagtg cagggggaag 180
aaggccaaaa atcccaaaga agagaagaaa ccgaaggaga agaagaaaaa gggaagtgaag 240
aacgttgctt ttgatgacct tgacaatatc cctccctatg gggatgacat gactgtgagg 300
aagcagcctg aagggaaacc aaaaccagat atcattgaaa gggaaaaccc ctaccttacc 360
tatgatgaaa ctgatattcc tcacaactca gaaaccatcc ccagcgcccc tttggcatct 420
ccagagcagg agatagagcc ctatgacatt gacaacgcca gcagcatcgc cccttcggat 480
gcagacatca ttcaacacta caagcagttc cgcagccaca caccaaaatt ttcaatccag 540
aggcacagtc ccctaggctt tgcaaggcaa tcccccatgc ccttaggagc aagcagtttg 600
acttaccagc cttcatatgg tcaaggtttg agaaccagct ccctaagcca ctgagcatgc 660

```

```
ccaactccca accctctgtc tcgacacagt ccagcccctt tctccaaatc ttctacgttc 720
tatagaaaca gcccagctgt agt 743
```

```
<210> 2015
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(528)
<223> similar to gi3811376 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2015
aggaaccctt cgagcctaag gaggagatat caggaagcgg aactcagcct ggaggagcaa 60
aggaggaaac caaagtgttt tctggagggg acactgaagg gaatggggag ctagggttct 120
tgttgccctt agggccaggg ccaacatctg ggggaggggg tccatcctgg aaaccagtgg 180
atcttcatgg gaatgaaatc ctgtcagggg gtggaggacc tgggggagca ggccaggccg 240
tgcattggcc tgtgaagcta ggggggacac cccctgcaga tggaaaacgc tttggttgcc 300
tgtgtgggaa gcggttttgc gtgaagccaa agcgtgaccg gcacatcatg ctgaccttca 360
gccttcggcc ttttggtgtg ggcattctga acaagcgctt caagctgaag caccatctga 420
cagagcacat gaagacccat gctggagccc tgcattgctg tccccactgt ggccgtcggt 480
tccgagtcca tgcctgtttt ctccgccacc gggacctatg caagggccag ggctgggcca 540
ctgcccactg gacttacaag tgactgctga ggctatacac tagcttctag aacaagataa 600
ccactgctgc tgatggatac ttttccctca ctgccatggc acaccagtca tggatcttgt 660
aatcatgcca agagaataga tacattatgg acctcttggt cttagatatg ggccctctcag 720
cctggcagat gtgga 735
```

```
<210> 2016
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (145)...(467)
<223> similar to gi2911858 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2016
ctgaacggga ctggcccttc tgcctctccc tgctcttctt atggcccagg gagagagccc 60
ttgggtggga cctcagagtt tctggggcct gatggggctg gggtagaggt ggtgattgag 120
```

```
tctcggggcca acgccaaggg ggttcgggag gaggacgccc tgctggagaa cgggagccag 180
agcaacgaaa gtgacgacgt cagcacagac cgtggccctg cggcaccttc cccgctcaag 240
gagacctcct ttccatcgg gctgcaagta ctgtttccat tcctcctggc aggctttggg 300
accgtggctg ctggcatggg gttggacatc gtgcagcact gggaagtctt ccagaagggtg 360
acagagggtc tcatcctagt gcctgcgctg ctggggctca aagggaacct ggaaatgacc 420
ctggcatcaa ggctttccac tgcagccaac attggacaca aggacatgta tt 472
```

```
<210> 2017
<211> 877
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(880)
<223> similar to gi2337952 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2017
acctcacaag cggatgccgg ggcttctcct ggctgcccc a ggcggcgagg atctgtctgc 60
cgaggcggcg ttccactccc agagttttatt cctcgttctc tcttcagtcg tgctcgtcgg 120
aggaccgggt tgccatgggt aaggaaaaaag tggcccaccc tcaggacctt caccacccat 180
cagagaagcc tgtcattcac tgccataaat gtggggagcc ttgcaagggt gaagtgtctt 240
gggtccagac caaacatttc cacatcaagt gtttcacctg caaagtgtgt ggctgtgacc 300
tggcacaagg gggcttcttc ataaagaacg gagagtatct ctgcacctg gactaccagc 360
ggatgtacgg gacacgctgc catggctgtg gggagtttgt ggagggcgaa gtggtgactg 420
ctctgggcaa gacctaccat cccaattgct ttgcttgtag tatctgcaag cgcccgtttc 480
caccgggaga ccgagtcaca ttcaatggga gagactgcct ttgtcaactc tgtgcacagc 540
cgatgtcgtc cagtcggaaa gaaaccacct tctccagcaa ttgtgcccgc tgcggaagag 600
atatcaagaa tgggcaggcg ctgctggcgc tggataagca gtggcacttg ggggtgcttta 660
aatgcaagtc ctgcgggaag gtccctaccg gggagtacat cagcaaggat ggtgctccgt 720
actgtgaaaa ggactaccag ggactctttg gggtgaaatg tgaggcgtgt caccagttta 780
tcacagggaa agtcctggag gcaggtgaca aacattacca cccagctgtg gcacgatgca 840
gcagatgcaa ccagatgttc acagaaggag aggaat 877
```

```
<210> 2018
<211> 494
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(493)
<223> similar to gi386433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2018
cccacccccca ggcaacatga actttcccag ccaacccttc aaccagcctc tgggtcaaaa      60
ctttagtcct cccagtgggc agatgatgcc gggcccagtg gggggatttg gtcccatgat      120
ctcaccacc atgggacagc ctcccagagc agagctgggc ccaccttctc tgtcccaacg      180
atttgctcag ccaggggctc cttttggccc ttctcctctc cagagacctg gtcaggggct      240
cccagcctg ccgcctaaca caagtccctt tcttggtccg gacctgggtt ttcttggtccc      300
tgggtggtgag gatgggggga agcccttgaa tccacctgct tctactgctt ttccccagga      360
gccccactca ggctccccgg ctgctgctgt taatgggaac cagcccagtt tccccccgaa      420
cagcagtggg cggggtgggg gcaactccaga tgccaacagc ttggcacccc ctggcaaggc      480
aggtgggggg tccg

```

```

<210> 2019
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> similar to gi5305335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2019
cccacgcgtc cgccacgcg tccgcccacg cgtccgcccc cagagccaag accttctcca      60
gaaggtgacc cttccccccc accaccacca atgtcagccc tgggtccccga cactcccccg      120
gacaccctc ctgccatgaa gaatgccact agctctaagc agctcccact ggaaccagag      180
agccctcag ggcaggtcgg gcctaggcca gccccccgc aggaagagtc cccttcctct      240
gaagcaaaga gcagaggacc cccccacca gccatgggcc caggggatgc cagacctcct      300
cgaaggagca gccagccatc tccaacagca gtgccagcct ccgacagccc tcccaccaag      360
caagagggtga agaaggcagg agagagacac aagctggcaa aggagcggcg agaagagcgg      420
gccaaagtacc tggcgggcaa gaaggcagtg tggctggaga aggaggagaa ggccaaggcg      480
ctgcgggaga agcagctcca ggagcgccgc tgccggtttt agggagcaaa cgtcttaaag      540
ccgagcaacg ccgttcaagc cttggaggaa cggctagcgg aagaagtttg tggaaaacaa      600

```

```

<210> 2020
<211> 622
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(625)
<223> similar to gi5689517 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2020

ttttcagatg	gtggccagca	gagatctgca	accccaggtc	tgtgccactg	aacatccagg	60
gccttaaaca	tgacttgggg	gacttccctg	tattcttctt	tggttctcat	gactactact	120
gggtacacca	gggcagagt	ttcccttatg	ttgaaggaaa	caaaagcttt	gctgaagggc	180
agactagtat	taacaagacc	ttcaaaaagg	cactggaaga	agctgcaaaa	cgtttccagg	240
aattgaaagc	acaaagagaa	agtaaagaag	ccctagagat	tgaaaaaac	tcaagaaaac	300
ccctcccta	caaacacatc	aaagctaaca	aagtaatagg	aaaggtgcag	atccagggtg	360
ctgacctgtc	agagattccc	cgctgtaact	gcaagccagc	tgatgaaaac	ccttgtggct	420
tggaatcgga	gtgcctgaac	agaatgttgc	agtatgaatg	ccaccgcag	gtgtgcccag	480
ctggagatcg	ttgtcagaac	cagtgtctta	caaagagact	ataccctgat	gcagagatca	540
tcaaacgga	gcggagaggc	tggggcctca	ggaccaaaag	gagcattaag	aagggtgaat	600
ttgtaaatga	atacgtcggg	ga				622

<210> 2021

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(510)

<223> similar to gi5262560 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2021

atcgaccgcc	atttgacgcc	gcgctgcagg	aattcggcac	gagggaaagc	cttcaactct	60
tctaattcct	gtcgagtgca	tgaaagaact	catattggag	aaaaaccata	tgaatgtaaa	120
cgatgtggca	aatcattcag	ttgggtccatt	tctcttcgat	tgcatgaaag	aactcatact	180
ggagagaaac	cttatgagt	taaacagtgt	cataaaacct	tcagtttttc	aagttccctt	240
cgagaacacg	aaacaactca	cactggagag	aaaccctatg	aatgtaaaca	atgtgtgtaaa	300
accttcagtt	tttcaagttc	ccttcaaaga	catgaaagga	ctcacaatgc	agagaaaccc	360
tatgaatgta	aacagtgtgg	gaaagccttc	aggtgttcaa	gttattttcg	aattcatgaa	420
aggtcacaca	ctggagagaa	accctatgaa	tgtaaacagt	gtggaaaagt	tttcattcgt	480
tccagttcct	ttcgactgca	tgaaagaac				509

<210> 2022

<211> 444

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (32)...(113)  
 <223> similar to gil737205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2022  
 cattttaccc ggctgcagga attcggcacg agcctgcctc tacctggtct gccgtacgga 60  
 gggcacgccg cacatgctcc tggacctcag cgacctgctc caggtagaca gcctccgtcc 120  
 tgcattctttc cccacctggg gttgtgacct ggggggttggtg accagggttg tgaccgggggt 180  
 gtaccccaggg tgcctccacg catctcagtg gccggtctgt gctgcctgcc cagtcaggaa 240  
 gttttggtct gtaggatgag gggccttcat gacatggggg tcacagtcag agacttgtgg 300  
 gagtggtggg ctccatggca ggagggcacc tgccaatgct gggcacgggt ggggtgttagc 360  
 taggcctggg tgaacagtga acttttgtcc tacacaaagg agattatatt caattaaaaa 420  
 atttttttgt gtagtaaaaa aaaa 444

<210> 2023  
 <211> 636  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(639)  
 <223> similar to gil651341 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2023  
 gggccgagtg tctggaggcc tctattgccc gatatgcca cegtgtcgcc aatagccggt 60  
 atacctttga cgggtgaaacc gtgacgcttt cgccaagtca gggcggttaac cagctgcacg 120  
 gcgggcccga aggggttcgac aaacgtcgct ggcagattgt gaaccagaac gatcgtcagg 180  
 tgctgtttgc cctgagttca gatgatggtg atcagggtct cccgggtaat ctcggcgcga 240  
 cggtgcaata tcgtctgacc gacgataacc gtatctccat tacttatcgc gccacagttg 300  
 ataaaccttg cccggtgaat atgactaatc acgtctatct caatcttgac ggcgagcagt 360  
 ctgacgtgag caatcacaag ttgcagattc tggcggacga atatctgccg gttgatgaag 420  
 gcggcattcc gcacgacggc ctgaaatctg tcgccggaac gtcttttgat ttccgcagcg 480  
 ccaaaatcat cgccagttag tttcttgccg acgacgatca gcgcaaagtg aaaggttacg 540  
 atcacgcatt cttgttacag gccaaaggcg atggcaagaa agtggcggcg catgtctggt 600  
 cagcagatga aaaattgcag ctgaaggtct acacca 636

<210> 2024  
 <211> 1043  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1044)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (18)...(731)
<223> similar to gi2343283 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2024
gaattcggca cgagagatct caggactccg tgtcatctcc ttcgccacag aagcagaagt      60
cagcctcggc cctcacctac actgcttctt ccacatctgc caaaaaggcc tcgggacctg      120
ccacaaggag ccctttccca cctgggaaga gcaggacttc agaccacagc ttgagtagag      180
agggctccag acaaagcttg ggttctgaca gagccagcgc cacctccacc tccaaaccca      240
attccccctc ggtgagccag gcccgagcag gggagggcag gggggccggg aagcacgtgc      300
ggagctcctc catggccagc ctgcgctccc ccagcacaag catcaagtct ggtttgaaga      360
gggacagcaa gtctgaggac aaggggctgt ccttcttcaa atcagccttg agacagaagg      420
aaacccggcg ctgcagcgat cttggcaaga cagccttgct ctctaaaaag gctgggtggga      480
gctctgttaa gtctgtctgt aagaacaccg gggacgacga ggacagagaga ggccaccagc      540
ctccagcttc ccagcagcca aatgcaaata caacgggaaa agagcagctt gtcaccaagg      600
accctgcttc tgccaaacat tccctgctgt ccgctcgcaa atccaagtct tcccaactag      660
actctggagt tccctcgtct ccgggtggca ggcagtctgc agagaaatcc tcaaaaaagt      720
tatcttctag catgcaaacc tctgcacggc cttctcaaaa acctcaggga tatttctgca      780
atcgaagtgt tttatctgta aagatgttta ttattttaga acccctgccc tcccaccaa      840
gccttctgtg cttttgcttt gtactttttt gagtnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnng tctaattcaa tagcatattg ctcaaagcga cgtcttattc      960
tgccattgaa ccaaattgca gctataggca atacattgac accaacctta ctggaacatt     1020
tgtgtacgat tcctcagacg acg                                     1043

```

```

<210> 2025
<211> 690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(291)
<223> similar to gil665827 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2025
aaagtggcag tgtttcttct gaaattctca ggcagtcaga ctgtcttagg caaatcttga      60
taaaatagcc cttatccagg tttttatcta aggaatccca agaagactgg ggaatggaga      120
gacagtcaag ggttatgtca gaaaaggatg agtatcagtt tcaacatcag ggagcgggtg      180

```

```

agctgcttgt cttcaatttt ttgctcatcc ttaccatttt gacaatctgg ttatttataaa 240
atcatcgatt ccgcttcttg catgaaactg gaggagcaat ggtgtatgac aagccgccga 300
aatttgccat gtcacgagag caaatgtcac agtcatgttc tcacacggca cataatgcaa 360
gtctgttgac agatgcgggt ccattgtcat gtggggagtc gagggcgagc tgtttgtttt 420
tgtaacgatg ttgggaagtg atggctctgc agtcacaaag agcagccttc tctcactggc 480
tgcaccgatg aacattacga agttctagaa caaacatcac ttcaaaatgc ctggagtaat 540
tcctcttata tcaactaatt tcaagaagaa aacctgcaga aactaaccct acccctctca 600
acgagaatat tgtgtccacg tcctctttac ttatacgacc cgtctcttat tctcttataa 660
cacaacgtca taactaaacg agcacaacac 690

```

```

<210> 2026
<211> 516
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (105)...(519)
<223> similar to gi2809057 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2026
attggaccgc ctgcggaatt cggcacgaga gcggcttatc aacagaggca ttttctgctt 60
atggttaataa gacggacaac acaagagaaa agaggaccca cagaaggaca aaacgttttt 120
tattctatcc acggttttga gaagtcttgg tgggtggcaga caacagaatg gtttcatacc 180
atggagaaaa ccttcaacac tatattttta ctttaatgtc aattgtagcc tctatctata 240
aagacccaag tattggaaat ttaattaata ttgttattgt gaacttaatt gtgattcata 300
atgaacagga tgggccttcc atatctttta atgctcagac aacattaaaa aacttttgcc 360
agtggcagca ttcgaagaac agtccaggtg gaatccatca tgatactgct gttctcttaa 420
caagacagga tatctgcaga gctcacgaca aatgtgatac cttaggcctg gctgaactgg 480
gaaccatttg tgatccctat agaagctgtt ctatta 516

```

```

<210> 2027
<211> 886
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(850)
<223> similar to gi2121234 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2027

cgctcgggga	ccagttctac	aaggaagcca	ttgagcactg	ccggagttac	aactcacggc	60
tgtgtgcaga	gcgagcgtg	cgtcttccct	tcctggactc	acagactggg	gtggcccaga	120
acaactgcta	catctggatg	gagaagaggg	accgaggccc	aggccttgcc	ccgggccagc	180
tgtatacata	ccctgcccgc	tgctggcgca	agaagagacg	attgcaccca	cctgaagatc	240
caaaactgcg	gctgctggag	ataaaacctg	aagtggagct	tcccctgaag	aaggatgggt	300
tcacctcaga	gagcaccacg	ctggaagcct	tgctccgtgg	cgaggggggt	gagaagaagg	360
tggatgccag	ggaggaggaa	agcatccagg	aaatacacag	ggttttggaa	aatgatgaaa	420
atgtagaaga	agggaatgaa	gaagaggatt	tggaagagga	tattcccaag	cgaaagaaca	480
ggactagagg	acgggctcgc	ggctctgcag	ggggcaggag	gaggcacgac	gccgcctctc	540
aggaagacca	cgacaaacct	tacgtctgtg	acatctgtgg	caagcgctac	aagaaccgac	600
cggggctcag	ctaccactat	gctcacactc	acctggccag	cgaggagggg	gatgaagctc	660
aagaccagga	gactcgggtcc	ccaccaaac	acagaaatga	gaaccacagg	ccccagaaag	720
gaccggatgg	aacagtcatt	cccaataact	actgtgactt	ctgcttgggg	ggctccaaca	780
tgaacaagaa	gagtgggcgg	cctgaagagc	tgggtgtcctg	cgcagactgt	ggacgctctg	840
ctcatttggg	aggagaaggc	aggaaggaga	aggaggcagc	ggccgc		886

<210> 2028

<211> 654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(439)

<223> similar to gi3645961 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2028

aatcgagacc	ctcggcattg	gcggggccatt	cttcttgcac	aaccataac	tccatcatca	60
cttggaagta	ctttcttggtg	gctggctgta	catgaggatg	gtttaagcct	cttagaatac	120
aactccatga	ggttaatagt	cagctatgtg	tacaagagtc	taatgacctt	tggaggctat	180
caagatgatt	ttatggtagt	cattaacaat	acacattcaa	aggacaaacc	aacagagaaa	240
ttactttttg	ccatggcaaa	acccaagatt	cttgaaatca	ctcttttgat	cgccagttac	300
ataaacaact	tccatcagca	aaaggcagca	tttcaccacc	tctctgctcc	agcactgctc	360
tcagcccaga	cccggggacc	ccaagccaga	atgatgggaa	gccagcctct	tctgtcaagc	420
agcagaccga	ccaaaggccc	caccttactc	tgaaagctgg	ggagcctgaa	cattcactcc	480
ttgtcctcca	tgctgtggct	gtatcagctc	cctacaagtt	cgtttacacc	tggcagcacg	540
gcagccacac	accggtattc	caaaccttaa	caatgaaggg	ggttagtctc	ttttatttga	600
ttcttaaata	ttcaaataaa	tattaacagt	aaaacataaa	caccaaaaaa	aaaa	654

<210> 2029

<211> 2015

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (285)...(1022)  
 <223> similar to gi3549261 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2029

tttcgtccac	gtcctgctcc	ccctggtgaa	gaagctgccc	tgggcttgtc	gtcctaggg	60
ctccagacat	gtctgaggtg	aagagccgga	agaagtcggg	gccaaggga	gcccctgctg	120
cggagcccg	gaagcggagc	gagggcggga	agaccccg	ggcccgagc	agcggagcg	180
ggggctggg	agaccccg	acgtgcctga	gcctgctgtc	gctggggacg	tgctggggc	240
tggcctggtt	tgtatttcag	cagtcagaaa	aatttgcaaa	ggtggaaaac	caataccagt	300
tactgaaact	agaaaccaat	gaattccaac	aacttcaaag	taaaatcagt	ttaatttcag	360
aaaagcttga	gtctactgaa	agcatcctgc	aggaagctac	atcatccatg	tctttgatga	420
cccagtttga	gcaggaagta	tccaacctcc	aagatatcat	gcatgacatt	caaaataatg	480
aagaggtgct	cactcaaagg	atgcaaagcc	ttaatgagaa	atttcagaat	attacggatt	540
tctggaagag	aagcctagaa	gaaatgaaca	ttaatacaga	cattttcaaa	tcagaagcaa	600
aacatataca	ttctcaagta	actgtccaaa	ttaactcagc	tgagcaggaa	ataaaattgc	660
tactgaacg	gctaaaagat	ttggaagata	gcacactaag	aaatattaga	acagtaaaaa	720
gacaagaaga	agaagatctc	ctgcgagtag	aggagcagct	aggctctgat	acaaaggcaa	780
ttgaaaagtt	agaagaggaa	cagcatgccc	tctttgccag	agatgaagat	ctgactaata	840
aactttccga	ctacgaaccc	aaagttgaag	aatgcaagac	acatttgcca	acaattgaaa	900
gtgctattca	ctctgttctc	agagtctctc	aggatctgat	agaaacagaa	aagaaaatgg	960
aagacttgac	tatgcagatg	tttaatatgg	aagatgatat	gctgaaagca	gtgtctgaaa	1020
taatggagat	gcagaaaacc	cttgaaggat	tttttttatg	ataatagcat	attaaagatg	1080
caaaatgaac	tggatattct	aaaagaaaaa	gttcatgatt	ttatagcata	ctcaagtaca	1140
ggagaaaagg	gaactttaaa	agaatataat	atagaaaata	aaggaattgg	tggtgatttt	1200
taaattcatg	acattttattc	tgatgaacca	tatcattata	cataaattga	ttagtccatt	1260
gattttgagt	tactttgata	cgctcatct	tatcctacat	tattggaaaa	taaatgagat	1320
gtccacacaa	atggattatc	cacataatca	aagcttatct	ttttaagcac	taaaacttac	1380
ttcattgtaa	ctatttgaaa	tagaaatagt	tctttaaaaa	tatttctcta	cttttaaaac	1440
aagatactta	atatttttaa	tgttttttta	agcattaatg	gacatcatca	ttaatttcac	1500
ctattatatt	gtacccacat	atattgatgt	ctccaggggc	taataaagag	tatttaccac	1560
ttcactaaat	gaccccaatt	tgccattttc	aaacctatgt	ctcatacctt	ttctgtcacc	1620
tgaacttact	gtcaggttgg	ttggtaaatgt	gcctgcctca	gccagttcac	tttcttaggt	1680
aattcactgc	aggttaagaa	tccacacaa	caagttcatg	ggaattttgt	gtaaaataaa	1740
agataacatg	cctgagggag	agcctggtgc	ctttgctatg	aattaatatg	cactttctga	1800
aaactctaaa	gcctgggaaa	catttttagtt	tttgtaagg	ttctaaactg	tgttacagat	1860
acttgtaaga	cttttaaaat	cagagtaagt	atgttcttac	ataaggcctt	tcttaggaat	1920
tatgtgtata	taaatctttg	aaatatcttt	atatacctga	gttttaggtt	ccaactgtgt	1980
tagacatgag	tttgctagat	ccatggtctc	tagat			2015

<210> 2030  
 <211> 629  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (294)...(632)

<223> similar to gi3694664 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2030

aatcaacccat	agtgagtttt	gtccttaagt	ccttggtgat	tactgaaaa	cagacacgtg	60
tttccctgaa	ggtagtggt	tcctggcatc	gtgtttgttt	tggtgttgtc	tcagagggag	120
aaactgagaa	aaaagatgat	ggaatatact	agatgccgaa	gaaacattct	gatgaggagc	180
cagataaaac	ttgaattgga	atggatgcgt	gttcttaacc	gggctccatt	atcaatgacc	240
tttcataact	ttaagaataa	gaatgttctt	ctctctgaaa	ctgtgatgtt	gctcttcagg	300
agtcttaccg	ccagataatg	aagatgcgac	cgaaagactt	gaaaaaacgg	ctgatggtga	360
aattccgtgg	ggaagaaggt	ttggattacg	gtggtgtggc	cagggagtgg	ctttacttgc	420
tgtgccatga	aatgctgaat	ccttattacg	ggctcttcca	gtattctacg	gacaatattt	480
acatgttgca	aataaatccg	gattcttcaa	tcaaccccg	ccacttgtct	tatttccact	540
ttgtggggcg	gatcatgggg	ctggctgtgt	tccatggaca	ctacatcaac	gggggcttca	600
cagtgccctt	ctacaagcag	ctgctgggg				629

<210> 2031

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (36)...(725)

<223> similar to gi488555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2031

atcgagacca	gggtcagtg	ggtggaattc	cgggctgag	ccagcatcgc	cgcacgcaca	60
gcggcgagaa	gccgtaccgc	tgccccgact	gcgggaagtc	cttcagccac	ggtgccaccc	120
tggtctagca	ccgtggcatc	cacactgggg	cgcgccgta	ccagtgcgcg	gcctgcggca	180
aggccttcgg	ctggcgctcc	acgtgctga	aacatcgag	cagccacagc	ggggagaagc	240
cgcacccactg	cccgggtgtg	ggcaaggcct	tggggcacgg	ctcgctcctg	gcacagcacc	300
tgcgcacgca	cggcgggccc	cggccccaca	agtggccgg	gtgcgccaa	ggcttcggcc	360
agggctctgc	gctgctcaaa	cacctgcgca	cgcacacggg	cgagcggccc	taccctgtgc	420
cgcagtgcgg	caaggccttc	gggcagagct	cggcgctgct	gcagcaccag	cgcacacaca	480
cggccgagcg	cccctaccgc	tgccccact	gcggcaaagc	cttcgggcag	agctccaact	540
tgcaacacca	cctgcgcac	cacacggg	agcggcccta	cgcctgccc	cactgctcca	600
aggccttcgg	ccagagctca	gcgctgctcc	agcacctgca	cgtgcattcg	ggcgagcgtc	660
cctatcgctg	tcagctctgc	gggagggcct	tcggccaggc	ctccagcctc	accaagcaca	720
aa						722

<210> 2032

<211> 527  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (360)...(518)  
 <223> similar to gi535518 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2032  
 aggggggacc cacgcgtgcg gccagttgta caggaactgc caaaggctac agaaattctt 60  
 tctccctatg tcccagccta cccccacttt agcgaggcca acagccgcct cagaaaccag 120  
 attcaggagc taacatgccc caggtctcac gaggatcaga gactccagag gccagggaag 180  
 gagatcaagg tagtcaagcg ggggtcgtct cagatctggt tgtgctcgag ctatgcaaatt 240  
 gcctctcacg gagatgcgag gacctatcta ttatgatgac cagggccaca tccggaggggg 300  
 gcaacagact ttcattctatc agcccttttc aaccactgat ctactaaact ggaaacactc 360  
 tgaacctctg catcttgctc ctggtatcag agagccctgt cgtgcataac tgtgtagaag 420  
 tgttggaact agtttactcc agcagacctg atctccggga ccagccttgg gcatcagtag 480  
 actggaagct atatgtggac aggagcagct tcatcaaccc acaaggg 527

<210> 2033  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (133)...(442)  
 <223> similar to gi896065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2033  
 ggggattgag accttacgtc gtccactatc catgtggtgg aattccaaga acttctcttc 60  
 cccgaataaa tcagcggggg actctttgaa gctgcacatt ctgattcagc aggcctgaga 120  
 ttctacattt gtatgtcttc tcagaaacaa tcggcctgga aggttatatt taaaagaaa 180  
 gtttctcttt tgaatattgc cacaagaata atgggtggtc agaaatctgg aacagagtat 240  
 cctgagaatc tgcccacat gaaggctaca gttgaaaata aagattctgt tctgaataca 300  
 gccacaaaaa tgaaggatgt acaaacatcc acaccagaag aacaagactt agaaatggca 360  
 tcagagggag agcaaaagag gcttgaagaa tatgaaaata accagccaca gcaactggat 420  
 gatgctcgca acaaagctga caatcaagaa aaggcaatac ttaatatcca agccagatgt 480  
 gatgctagag taaaa 495

<210> 2034  
 <211> 593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (166)...(558)  
 <223> similar to gi3116439 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2034  
 catcgatgac cttactcagt gtggtggaat tccagggttca aagcctgaga ccaaagagct 60  
 gcaggatttg aatccatatt tccaggggta actattaata aaaatgtagc ttggataaat 120  
 tacatctatt ataaccagca gtggtttatt aattacacca gggatgctat caaaggaata 180  
 gctgaccaat tagggcctac tagccaaatg gcttgggaaa acagaatggc cctagacatg 240  
 atattagcca aaaaaggtgg agtttgtgtt atgatcaaaa ctcaatgttg taccttcac 300  
 ccaaacaata ctgcccctag tgggagcata acaagggcct tacaaggcct tactgcttta 360  
 tccaatgaat tagctaaaaa ttctggagtc aatgaccctt tttcaggatg gctagaaagg 420  
 tggtttggtg aatggaaagg aatcatagcc tcaattctta cttctcttgc agccgtaata 480  
 ggtgtagcca ttcttttttg gtgttgtgtc acaccatgta tccgtgggct agtacagagg 540  
 cttatagaaa cagtacttac taaaacctcc cttagctctc ctccacctta tta 593

<210> 2035  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (324)...(451)  
 <223> similar to gil469866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2035  
 ggcttttttc tataaatggt actccgtagc taataaatgt ggctagtgga tgtcttttga 60  
 gtgctggggc cccagctaga gctgcccctc ctgtctgggg cagacgccgt gaggagcccc 120  
 acgctcggcc cagggtggcg gagctagtgt ttggcccaa aaactgactg ctgagagcca 180  
 gagatacgaa tgaaatgata aatcctgagg tttatttcac atggagtgtt taaagagcag 240  
 aaggaagtgc gtgataagt ccctttcgcg gtgagcacgc gagtctcatg ttctctgccc 300  
 ttcccgtct gtgcccttgg cagctccct cccacccggt cactccgtcc agcaagcacg 360  
 cagacagcaa gccgcgccg ctgacgccg cctaccacac gcagcccccac caccgaattc 420  
 caccgcactg gtcgagtggc cattcaag 448



<210> 2036  
 <211> 1103  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (45)...(1100)  
 <223> similar to gi295941 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2036  
 ggaattcagc caatcaagag attggccacc tccaagatat ggtaaggaaa agtgaacaag 60  
 gtcttggtct tgcagaagga cttattgcta gtcttcagga ctcccaggaa aggccttcaga 120  
 atgagcttga cttgactaaa gacagcctaa aggagaccaa ggatgctcta ttaaattgtgg 180  
 aggggtgagct agaacaagaa aggcaacagc atgaagaaac aattgctgcc atgaaagaag 240  
 aagagaagct caaagtggac aaaatggccc atgacttaga aattaagtgg actgaaaatc 300  
 ttagacaaga gtgttctaaa cttcgtgaag agttaaggct tcaacatgaa gaggataaga 360  
 agtcagcaat gtctcaactt ttgcagttga aagatcgaga gaaaaatgca gcaagagatt 420  
 catggcagaa gaaagtagaa gatctcttaa accagatttc cttgctgaaa cagaatctgg 480  
 agatacagct ttcccagtc t cagacttctt tgcaacaact gcaagcccag tttacgcaag 540  
 aacgacagcg gcttacgcaa gagcttgaag aattagagga gcaacatcag caaagacaca 600  
 aatcattaaa agaagcacat gtccttgcat ttcaaactat ggaagaggaa aaggaaaagg 660  
 agcaaagagc tcttgaaaat catttacaac agaagcattc tgcagagctt caatcactaa 720  
 aagatgcaca cagagagtca atggagggct tccggataga aatggaacag gaacttcaga 780  
 ctcttcgggt tgaattagaa gatgaaggaa aggcctatgct tgcttccttg cgctcagaac 840  
 tcaacatca acatgcagct gcaattgatt tggtacggca taatcatcat caagaattgg 900  
 cagctgctaa aatggaatta gagagaagca tagacatcag cagaagacag agtaaggagc 960  
 acatatgtag aattacagat ctacaagagg aattaagaca cagagagcat cacatctctg 1020  
 aattggataa ggaggttcag caccttcatt agaataataag tgccctaacc aaagaactgg 1080  
 aatttaaggg gaaagaaatt ctc 1103

<210> 2037  
 <211> 731  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (92)...(367)  
 <223> similar to gi2224551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2037  
 atttcgtggc tgaggcggcg tcatgtcctc cgaggtgtcc gcgcgccgcg acgccaagaa 60  
 gctggtgcgc tccccgagcg gcctgcgcat ggtgcccgaa caccgcgcct tcggaagccc 120



```

<400> 2039
ccaaacctga caacacaaca taggagctgc taatttgagg ttctacccat tcaaaagcaa      60
atacttacaa aatacctggg agacagtgag aacagacaat gcagtgtcac cttgcatcct      120
tacatgtgat gtcctggcta caatcctgcc cgttgtcctt ggtatatgaa taacacttca      180
tctcagtttg tgtgcagctt ggtgtattat ggcctaactc tgagtgcggg tgatctaggt      240
ggaagtattt atgccaacct ggcctgtctt ggcctcatag agattccatc ttaccctctc      300
tgtatctact tgattaacca aaaatggttt ggtcgggaagc gaacattatc agcatttctg      360
tgcctaggag gactggcttg tcttattgta atgtttcttc cagaaaagaa agacacaggt      420
gtgtttgcag tgggtgaacag ccattccttg tccttgctgg ggaagctgac catcagtgct      480
gcctttaaca ttgtttatat ctacacctct gagctttacc ctacagtcac caggaatggt      540
gggcttggaa cttgttccat gttctcccga gttggtggga ttattgctcc cttcatcccc      600
tcaactgaaat atgtgcaatg gtctttacca ttcattgtct tcggagccac gggcttgacc      660
tccggcctcc tgagtttggt attgccggag acccttaaca gtccggtggt aaaaacattc      720
ttcgaccttt aggtgtat

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<210> 2040
<211> 616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (36)...(613)
<223> similar to gi498723 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2040
actttccgcg tcgacccacg ctttagatct gtatactttt cactctagag aaatcttaca      60
attgtacggg ttgtaacaag gttttcgtgc gtaattcagt cctggctgtg catactagaa      120
ttcacactgc aaagaaacct tacaagtgtg atgaatgtgg gaaagctttt aatcaacaat      180
cacatctttc acgtcatcgt agacttcata ctggagagaa accttacaaa tgtgaagcat      240
gtgacaaaag ttttggtcag aaatcagctc ttgagtcaca taagagaatt catactggag      300
agaaaccata cagatgtcag gtttgtgaca cagctttcac gtggaattca cagctggcac      360
gacatacaag aattcacact ggagaaaaaa cttacaagtg taatgagtgt ggggaagacct      420
tcagttacaa gtcatcactt gtatggcatc gtagacttca tgggtggagag aaatcttaca      480
aatgtaagggt ttgtgacaag gctttcgtgt gtcgttccta tgtggcaaaa catactagaa      540
ttcacagtgg aatgaaacct tacaagtgtg atgagtgcag caagaccttc agtaacaggt      600
catcccttgt atgcca

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<210> 2041
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
<222> (1)...(783)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (782)...(1)  
<223> similar to gi37400 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2041  
gaagaagggg aaaagaggct ccaggcccct tctccaatca ctccctgccca ccctttctcc 60  
tttgatttcc ttggctgctt tagcagggtct tcctagaggc taactttgat ctttcttgct 120  
gcagtttctt tttgggagag ctagttagtc ccacagagtg gtatccctag aaggggagaag 180  
taaggattgc cctcttcttt aaaatgaaaag ccagctattt ttacagccct ttaactgcag 240  
gtctgctcta ttttcttttc tctctctgga gctgagagtc agagggccct tctcctcctc 300  
ctttcagccc ccaacactaa gctgatggat tgataaatac ctacagcccct cgcttttctc 360  
aaccacactg gcaagtcttc ttaggatctg atcccagttt tctggaagca atcctacccc 420  
agcccattct tcccagagtc gagccttaat ccttctcact tctcagtgtc agagcagaaa 480  
tgaatcctgg gggtgactgt gtccattcgg gttattagca gctaagaagc ccagacgagt 540  
agtgtgagct gccttgggag cctcagttag ggcaactgga ctggcctcac tctcttgccc 600  
ccagcctagt gggttttctc ctctgtctct ccggtggccc caggcaatcg actgcatcac 660  
gcanggacgt gagttggagc ggccacgtgc ctgcccacca gaggtctacg ccatcatgcc 720  
gggctgctgg gcagcggagc cccagcaacg ccacagcatc aaggatgtgc acgcccgtcg 780  
ca 782

<210> 2042  
<211> 1134  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (25)...(1123)  
<223> similar to gi508528 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2042  
gcggccgcct cggtagcgca gagcccgggg ccggcgctgg cggcgctgga gggccgagag 60  
ttcagattcc tcatgcgcca gccagcgtc accatcgggc gcaactcgtc gcagggctcg 120  
gtggacttga gcatgggcct gtccagcttc atctcgcggc gccacctgca gctcagcttc 180  
caggagccgc acttctacct gcgtgcctc ggcaagaacg gcgtcttcgt ggacggggcc 240  
ttccagagac gcggcgcgcc cgccctgcag ctgcccagc agtgtacctt ccggtttccc 300  
agcacggcca tcaagatcca gttcacttcg ctctatcaca aagaagaggc cccagcctcc 360  
ccgctgcggc cactgtaccc ccagatctcc cctctgaaga tccacatccc ggagccggac 420  
ctccggagca tggtcagccc cgtcccctcc ccgacgggca ccatcagtgt ccccaactcc 480  
tgcccagcca gtccacgcgg tgccggctcc tccagttacc gctttgtgca gaacgtgacc 540

tcggacctgc	agctggcagc	agagtttgca	gcaaaggccg	cgtcggagca	gcaggcagac	600
acgtctggag	gagacagccc	caaggatgag	tcaaagccgc	cgttctccta	cgcgagctg	660
atcgtgcagg	ccatctcctc	cgcccaggac	cggcagctga	ccctgagcgg	gatctacgcc	720
cacatcacca	agcattaccc	ctactaccgg	acggccgaca	aaggctggca	gaattctatc	780
cggcacaaac	tctctttgaa	ccgttacttt	atcaaagtcc	cacgttccca	ggaggagcct	840
gggaaggggg	cctttttggcg	aatagaccct	gcctctgaag	ccaagctcgt	ggaacaggca	900
ttccggaaac	ggaggcagag	gggtgtctcc	tgcttccgca	cccccttcgg	gcctctgtcc	960
tcaaggagcg	ctccagcttc	gcccacacac	cccgggctga	tgtccccctcg	ctccggcggc	1020
ctgcagaccc	cagagtgcct	gtctcgggag	ggctccccca	ttccacacga	ccctgagttt	1080
gggtccaagt	tagcttctgt	cccagagtac	cggtattccc	aaccacgcg	tccg	1134

<210> 2043  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (16)...(418)  
 <223> similar to gi533381 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2043	
ttcgagaccc	tatccatgag
ctggcccagg	atgaggaggg
tgggcggcat	atgctgcggc
cataagggca	agacccctct
gatctgttga	acctgggagc
cacgtggccg	ctacctacgg
caggttgacc	tggaagccag
gcccttaacg	ttgctatgcg
cgagacaggc	tggattgtgt
gtgagcgggg	atgtgggcgg
gtccggggagc	tccaggcaaa
gttacttcac	ttctctgtgc
gggaattcct	cacatgctgg
cttcacctgt	ttgcggctcg
ggcgcttga	cattcgtag
accagccct	gattgtggag
gctgctgcca	atcagggacg
gttctcttgg	ctgtgcttaa
ctgtgcttaa	ctctggggtc
ggcctcacc	cgctccacac
gggtgctgag	cacacaggcc
ctctgtcccc	gtgctaatca
gtgctaatca	caccatccag
tggaatgggg	ccacttgat
tgctgcgtgc	ccttgaacat
ttctttgtca	gtta

<210> 2044  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (618)...(775)  
 <223> similar to gi339878 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2044  
 ggcctaaatc taaaaaattg gagctaaatt tagagtagat tatgtttcac tgacatttta 60  
 aactatattt aaaacttact cttcagtggtc agttttctcc ttataaaaat ctgtacatta 120  
 gcaacttcct tcagaggact actaaaaata tgaaataaca ttccctcggc caggaggagg 180  
 gctgagtgtg gcccttgcca tctggtgagc agcaggggtc tggggagggtc tgtgctgcac 240  
 acaacacagt actgtcaaca gtttgacaca ggggtacaaa tcagaacctg tcttgcaaca 300  
 ctttttagttg tcaccctagt gttaggattt gggtgtattg agagctgttt gttcacattt 360  
 gaaaaatgtt ttgccatgaa aagattgcct ttgtcatatt tattgcaaaa tctaaaactgt 420  
 atgtattgat atgattcaat caaataatta tgtaagttag tgattaaaaat attgtagagt 480  
 atactgaaaa ggatagctct caggaagggt catctgcact ttttgcaata tgttacagat 540  
 tttgttgcac atggttttat ttgtctcatt caatgaactc ttgaatcaaa ccagttatgt 600  
 agtttcctca ttacagccca gtgagtgcaa aaacaaaacc tttaggatca agagatgttt 660  
 tgccaaataa ccgtcaactt tatgagatgg tcctgacata taactttcat caaccgaaga 720  
 gtgnggaang tactccaagc tgcccactac tttgtgaact attatatgaa tctgc 775

<210> 2045  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(421)  
 <223> similar to gil552526 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2045  
 ggcgaggaat tatcatagag acagaggggtg accaccctaa gggcattgag atggatggga 60  
 aaatgatgaa ttcccathtt ctagatggga acctggtgcc cctggaaggg aaggaagtgg 120  
 atgagtcccg caaagagatg atccggattc tcaaggatct gaagcaaaaa caccagaga 180  
 aggacttaga tcagctgggtg gagatggcca attactatgc tctttccac caacagaaga 240  
 gccgcgcctt ctaccgtatc caagccactc gtatgatgac tgggtgcaggc aatattcctga 300  
 agaaacatgc agcagaacaa gccaaagaag cctccagcat gagcgagggtg cacaccgatg 360  
 agcctgagga ctttatttcc aagggtcttct ttgacccatg ttcttaccag tgcctgga 418

<210> 2046  
 <211> 430









<223> similar to gil665761 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2051

tcttgtttga	cctgggtgtg	gcctacggta	ttgactgtct	gctgattgat	cccaccctgg	60
ggggccgctg	tgacaccttt	actactttcg	atgcctcggg	ggagtgtggg	agctgtgtca	120
atactcccag	ctgcccgaag	tggagtaaac	caaaggggtg	gaagcagaag	tgtctctaca	180
acctgccctt	caagaggaac	ctggaaggct	gccgggagcg	gtgcagcctg	gtgatacaga	240
tccccagggtg	ctgcaagggc	tacttcgggc	gagactgtca	ggcctgccct	ggaggaccag	300
atgccccgtg	taataaccgg	ggtgtctgcc	ttgatcagta	ctcggccacc	ggagagtgtg	360
aatgcaacac	cggtttcaat	gggacggcgt	gtgagatgtg	ctggccgggg	agattcgggc	420
ctgattgtct	gccctgtggc	tgctcagacc	acggacagtg	cgatgatggc	atcacgggct	480
ccgggcagtg	cctctgtgaa	acgggggtga	caggccccctc	gtgtgacact	caggcagttt	540
tgcttgacgt	gtgtacgcct	ccttgttctg	ctcatgccac	ctgtaaggag	aacaacacgt	600
gtgagtgtaa	cctggattat	gaaggtgacg	gaatcacatg	cacagttgtg	gatttctgca	660
aacaggacaa	cgggggctgt	gcaaagggtg	ccagatgctc	ccagaagggc	acgaaggctc	720
cctgcagctg	ccagaaggga	tacaaagggg	acgggcacag	ctgcacagag	atagaccctt	780
gtgcagacgg	ccttaacgga	gggtgtcacg	agcacgccac	ctgtaagatg	acaggcccgg	840
gcaagcacia	gtgtgagtg	aaaagtcact	atgtcggaga	tgggctgaac	tgtgagccgg	900
agcagctgcc	cattgaccgc	tgcttacagg	acaatgggca	gtgccatgca	gacgccaaat	960
gtgtcgacct	ccacttccag	gataccactg	ttgggggtgt	ccatctacgc	tccccactgg	1020
gccagtataa	gctgaccttt	gacaaagcca	gagaggcctg	tgccaacgaa	gctgcgacca	1080
tggaaccta	caaccagctc	tcctatgccc	agaagacctg	gtattccttt	accaaggaat	1140
aaagcctttg	atgccaggac	ccagactcaa	ggagaatctg	aatctctgct	ctcctgcttg	1200
ctggtcat						1208

<210> 2052

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(512)

<223> similar to gi4038413 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2052

gcgggtggaat	tcatcagccc	atgcttggtta	gtctgtttaa	gaagaagaga	aatgacaaca	60
gtgaggctca	gctcgccccc	ctgatacctg	agctctgctt	tctaacaggg	ctgactgacc	120
aggcaacatc	tgatttccag	ctgatgaagg	ctgtggctga	aaagacacgt	ctcagtcctt	180
caggccggca	gcagcgccctg	gccaggcttg	tggacaacat	ccagaggaat	accaatgctc	240
gctttgaact	agagacctgg	ggactgcatt	ttggaagcca	gatattctctg	actggccgga	300
ttgtgccttc	agaaaaata	ttaatgcaag	accacatatg	tcaacctgtg	tctgtctgtg	360
actggtccaa	ggatattoga	acttgcaaga	ttttaaatgc	acagtctttg	aatacctggg	420
tgattttatg	tagcgacaga	actgaatatg	ttgccgagag	ctttctgaac	tgcttgagaa	480
gagttgcagg	ttccatggga	tttaatgtgg	actac			515



agaattcata	caggagagaa	accttatgtg	tgtaatgtgt	gtgggaaagc	ctttagccat	600
cgtggatacc	taattgtaca	tcagagaatt	catactggag	agagacccta	cgaatgtaag	660
gaatgtagga	aagccttcag	ccagtatgca	caccttgctc	aacatcagag	agttcatact	720
ggagaaaaac	cttatgaatg	taaagtatgt	aggaaagcct	tcagccaaat	tgcatacctt	780
gatcaacatc	agaggggttca	tactggaga				809

<210> 2055  
 <211> 625  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (381)...(622)  
 <223> similar to gi3878000 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2055	
cgagctccaa	gttgaggcc ctcttcgccc acccgctgta caacgtcccg gaggagccgc 60
ctctcctggg	agccgaggac tcgctcctgg ccagccagga ggcgctgcgg tattaccgga 120
ggaaggtggc	ccgctggaac aggcgacaca agatgtacag agagcagatg aaccttacct 180
ccctggaccc	cccactgcag ctccgactcg aggccagctg ggtccagttc cacctgggta 240
ttaaccgcca	tgggctctac tcccgggtcca gccctgttgt cagcaaaactt ctgcaagaca 300
tgaggcactt	tcccaccatc agtgctgatt acagtcaaga tgagaaagcc ttgctggggg 360
catgtgactg	caccagatt gtgaaaccca gtgggggtcca cctcaagctg gtgctgaggt 420
tctcggattt	cgggaaggcc atgttcaaac ccatgagaca gcagcgagat gaggagacac 480
cagtggactt	cttctacttc attgactttc agagacacaa tgctgagatc gcagctttcc 540
atctggacag	gattctggac tttcgacggg tgccgccaac agtgggggagg atagtaaag 600
tcaccaagga	aatcctatag gttcg 625

<210> 2056  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(745)  
 <223> similar to gi563129 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2056	
actgtagacc	attagtcag tgcggtggaa ttcataacc gaaacaacag tgtggtacag 60

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gtcctgcttg ctgctggggc tgatccaaac cttggagatg atttcagcag tgtttacaag 120
actgccaaag aacagggaat ccattctttg gaagtcctga tcacccgaga ggatgacttc 180
aacaacaggc tgaacaaccg cgccagtttc aagggctgca cggccttgca ctatgctgtt 240
cttgctgatg actaccgcac tgtcaaggag ctgcttgatg gaggagccaa cccctgcag 300
aggaatgaaa tgggacacac acccttgat tatgcccag aaggggaagt gatgaagctt 360
ctgaggactt ctgaagccaa gtaccaagag aagcagcga agcgtgaggc tgaggagcgg 420
cgccgcttcc ccctggagca gcgactaaa gagcacatca ttggccagga gagcgccatc 480
gccacagtgg gtgctgcgat ccggaggaa gagaatggct ggtacgatga aaaacaccct 540
ctggtcttcc tcttcttggg atcatctgga ataggaaaaa cagagctggc caagcagaca 600
gccaaatata tgcacaaaaga tgctaaaaa ggcttcatca ggctggacat gtccgagttc 660
caggagcgac acgaggtggc caagtttatt gggctctccac caggctacgt tggccatgag 720
gaggggtggc agctgaccaa gaag 744

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<210> 2057
<211> 1688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1689)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1121)...(1249)
<223> similar to gi3287188 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2057
tttttttttt ttaaaatttc tcgaatttta ttatacttaa atgaactcaa gtacaagaaa 60
caaagttaaa aatatgtaag tataataaaa tatgtgcgcc ataattaaat gatattgtga 120
taagaaagaa aaaacctgga aatgttttac agagggtttt catttgatat cttaccatag 180
cagtagcaaa gagcttatta ggctaattgtt caaaaacaca ttcccttacc ataattattga 240
tgccagcaaa attggtgcta cagctacatg aatgaatgtt ttgctcagtt ttttctgggt 300
tacaaagaaa caccaagcaa ctgacctgca aaggggggacc cgaagtagac cccaggccca 360
gaccagttgt tgctttaatt tcccatncat aactggaaat aggcaaccat gggctccttg 420
gcacccctaa aaccatcctg ctactagcc actgaaatta aatagtgtcc aagaattttt 480
ttctgtctaa tttgaaaaaa gatagcta atgacaaggc ttgtttgtat ttacatcttg 540
aatttctgtg ggaaaaggat aaaccatttt tcaaagcaat tgagtaagcc atttttcaga 600
gcaccaagag ggaagctttt tagatttaaa ctcttagaat taataactgg acactaaggc 660
taagcatctt atagccatgt atcatattac tagtagtatt accaataact attgaccaca 720
aagactaaca ttacttcata aaaaaatttt gatacagtgt tcattgaaag aataaaacaa 780
gatttaaaat gatgtgtatc agttcattat agctttaaaa aaattaggta tgacacagac 840
atgctaagcg tacttctcct accccaaagt gtttggtaat gtgtttatat actttcatat 900
tttaaaccac taagtaaaaa acgtgtatga atcacattag aaatagggtca ttttaagatca 960
ttgagcttgg aattagctca tttattataa atgttttata aatatttagt tgccagatct 1020
caataatgct ttttgttgtc atcagattta cctagaataa gccaaagtggc atcccatccc 1080
gcatttcate tgtaagtgt atgcacacac cttttcttaa ctctttacca gtgaccacaa 1140
tggctggaca gctttgcate atgcgtccat gggcggttac actcagacca tgaaggtcat 1200

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tcttgatact	aatttgaagt	gcacagatcg	cttggatgaa	gacgggggtat	gtactgcggt	1260
tctcatgctt	acccaaaatc	tcaatatagc	agaaacttcc	aacattgcca	gaaaactctc	1320
ctagacacct	tttaccttcc	ttgctctatt	cccagccttt	tggtgggtgt	ttagcaagtg	1380
gattcttgag	gtgaagtatg	aatcaaaagg	caacagaatt	gggagaatac	caaggggtgg	1440
gtgaatgttg	gggaaacctc	cagtctcaca	gagcagcgag	gtccacaggc	caatgaaatt	1500
tgatggtaaa	gcgtttactc	cctggtaggt	ccagagaaaat	gaaggcaggg	gtgagttttc	1560
attaagataa	gtgttatatt	gaagtgtatt	gatttgaaat	gctgcccttt	attgtncnaa	1620
ttccaccgca	ctatacagta	gttgcgatan	tccgagagtt	acggtctctn	nnnaaannct	1680
ggccctct						1688

<210> 2058  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(433)  
 <223> similar to gi488551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2058						
taaaaccttc	aaccgcaaag	acgcacttgt	tctacaccag	aggattcaca	ctggagaaag	60
gccttacgag	tgcagcaaat	gtggtaaaac	cttcagtgtt	ctgtctaccc	tcattcggca	120
ccggaaagtg	cacattggag	aaaggcccta	tgagtgtgca	gaatgtggga	agttctttaa	180
atacaataat	agcttcattc	ttcaccagag	agttcacact	ggagaaaggc	cttttgaatg	240
caagcaatgt	gggaaaggct	acgtgacccg	ttcaggcctc	tatcagcact	ggaaagtcca	300
cactggggaa	cggccctatg	aatgtagcct	gtgtgggaaa	accttcacta	ccagatccta	360
ccgcaatcgg	caccagcagt	tccacactga	agagaggtct	tatgaatgta	cagagtgtgg	420
gaaagccttc	aaac					434

<210> 2059  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(345)  
 <223> similar to gi4589536 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2059

tgaaatatgg	ggcagatcct	tcattaattg	atggagatgg	atgtagctgt	attcatctgg	60
ctgctcagtt	cggacatacc	tcaattgttg	cttatctcat	agcaaaagga	caggatgtag	120
atatgatgga	tcagaatgga	atgacgcctt	taatgtgggc	agcatataga	acacatagtg	180
tggatccaac	tagattgctt	ttaacattca	atgtttcagt	taaccttggt	gacaagtatc	240
acaaaaacac	tgctctgcat	tgggcagtg	tagcagggaa	taccacagtc	attagccttc	300
ttctggaagc	tggagcta	gttgatgccc	agaatatcaa	ggcaatcctt	aggtgtcaca	360
tggccctcta	gtggaaggga	tgctcagctg	gaccgaggca	actgcaggat	attccccggg	420
agttgttacc	caaggggattg	cttttattca	gggcgaatca	gcacttttctt	ggcaaaaaaa	480
aaa						483

<210> 2060  
 <211> 1299  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (97)...(1258)  
 <223> similar to gi3986770 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2060	
gaagagggtcc	agttctttgc
tccttcaact	acacccacag
ccaagcaagt	catttccctt
ctatttgc	ctgttttgat
atgtcgggaa	gagatacaat
atgatgttta	ccttcagatt
attttgggat	tggtgtttgt
gacctcagca	tagaattgga
atcgtatcca	caggcatcac
ataaaattga	cagttgagct
ctgctgttcc	agccactgtg
gctgtgctgc	tgagcctggg
gaatataagc	ccctttcggg
tggactagt	aattcatcct
tgttatttca	acagaagtaa
attctcttct	tctaccatca
aggattccga	gaatcattgt
ttgtccaggt	acctgttccg
ctccatctca	accagaatgc
tcagcaaaag	atgcattcaa
tgctttggag	acttcataat
ggaagaactc	aatgctttta
aaacaccagt	gggtccttcc
tccaaaagca	gactcactgt
atttaaccga	tgtgtccctc
aaatgatggt	gacacccctc
ccttggcctg	tgtatcctcg
catcaccacc	ccttcgtgtt
cttcgtgtgt	ttatggtggc
ctgcggtggt	tggtattatga
gaaaatatga	agtgctgtgct
ctcgtcttga	tttttgttct
acaaataaag	ccatcagcag
gacatttgcc	atcctcattt
gactgcccagg	ttatggaagg
caaatgacta	tagctggggc
cctgatcatc	ccatcctttc
gtgaaagggt	cattttta
caaaacgcac	tgaaagaaca
tgctgtttct	gggtccttga
actgctatta	atgggacaga
aagaactcaa	gtcactttac
aagggtttaa	gggtgtgttt
gcatttcag	

<210> 2061

<211> 393  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(169)  
 <223> similar to gi3319326 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2061  
 aatccttctg ctttcaatat ttactgtaat gtacgccatt gcgttctgga atggcagaaa 60  
 aaggaaatat cattggcagc cgcatactag aactctgtgc agagtggaga atcagatagt 120  
 gatgaagaag aggaatccaa agagccccct atcaagcttc caaaggtaag ccactgagtt 180  
 ctattaatat ttagatgtgt aacctgcagg tgttctggct ataatgcata tatacgcat 240  
 gctaaaatac tttgctttat gtaaaattgc aactaaaaa taacacgggc ttatgggcaa 300  
 aaatagattt ggagcagaaa aggaaaactc tgcaacttta taactaaggt gctaacaaag 360  
 tcaataattg ataattcact ggaaagcgca gga 393

<210> 2062  
 <211> 1207  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (41)...(426)  
 <223> similar to gi2773363 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2062  
 ttctgatcat gtcactggca aggcaatgct tacgtcactt ggctgaagt tgggggatcg 60  
 tgttgattat gcaggacaga aggttggtac attaagattt tgtggaacaa ctgaatttgc 120  
 aagtgggcag tgggctggca ttgaactgga tgaaccagaa ggaaaaaata atggaagtgt 180  
 tggaaaagtc cagtacttta aatgtgcccc caagtatggt atttttgcac ctctttcaaa 240  
 gataagtaaa gcaaaaggtc gaaggaagaa tataacacac actccttcta caaaagctgc 300  
 tgtacctctc atcagggtccc agaaaattga cgtagctcat gtgacgtcaa aagtaaatac 360  
 tggattaatg acatcaaaaa aagatagtgc ttctgagtca acactttcat tgccctctgg 420  
 tgaagaactt aaaactgtga cagagaaaga tgttgccctg cttggatctg tcagcagctg 480  
 ctctcttaca tcttcttttg aacacagaca gagctacccc aagaaacaga atgcaatcag 540  
 cagtaacaag aagacaatga gcaaaagccc ttccctttca tccagagcca gtgctggttt 600  
 gaattcctca gcaacatcta cagcaataaa tagccgttgc gagggggaac tccgcctcgg 660  
 agagagagtg ttagtggtag gacagagact gggcaccatt aggttctttg ggacaacaaa 720  
 ctctgctcca ggatattggt atggtataga gcttgaaaaa cccatggca agaattgatg 780  
 ttcatgtggg aggtgttgca gtatttttagc tgttctccaa gatattggaat atttggctcc 840  
 cccatccagg ggtgcaaaga gtaacagatt cccggggata ccctttcaga aatttcttca 900  
 aataaacaga accattctta tcttggtgtt taggagaagt ttagcacaa cttctgcttc 960



ttcccaaaag	gagattaaca	gaagaaatgc	tttttccaag	tgagtattaa	gaagatttag	1020
aaaaacacct	ttcaagatga	acatgatggg	attctgtgaa	gaaagaaaag	tggagtgctg	1080
tatcttttgc	attgcttggt	agagttttaa	cacgtaggag	aaaagggtgtg	ataagtgtat	1140
tgagaagcgt	acttcctccc	tcctttgcaa	gcgcaattaa	aatgaaacc	agtgactaaa	1200
aaaaaaa						1207

<210> 2063  
 <211> 556  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(557)  
 <223> similar to gi4091819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2063						
gcgggcagca	ccacgctgct	gtgccgcgac	gggcccggt	tttaccgcga	ccagagcctg	60
cacgcctggc	accgggacac	ggacgctgag	gccctggagc	tggacggccg	gccccacctg	120
ctgctggcct	cggtttccca	gcggcccgtg	ctcttccact	ggaccggtgg	ccgcttcgag	180
agacgcacgg	acatccccga	ggccgaggat	gtctatgcca	cacgccactt	ccaggctggt	240
ggggacgtgt	tcctgtgcct	cacacgctac	attggggact	ccatgggtcat	gcgctgggac	300
ggctccatgt	ttcgtctgct	gcagcaactt	ccctcgcgcg	gtgcccacgt	cttccagcca	360
ctgctcatcg	ccagggacca	attggccatc	ctaggcagcg	acttcgcctt	cagccaggtc	420
ctccgccttg	agcctgacaa	ggggctcctg	gagccactgc	aggagctggg	gcctccggcc	480
ctggtggccc	cccgtgcctt	tgcccacatc	actatggccg	gcagacgctt	cctctttgct	540
gcttgcttta	agggcc					556

<210> 2064  
 <211> 517  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (162)...(268)  
 <223> similar to gi5257201 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2064						
tgtatttctt	cccatatctg	actgtttggt	tccaatcttt	tgactgcttt	cttgctttta	60
atgcctttat	ctttgcttat	ttgaattagg	tacttctctg	ctacctttca	cctgctcttt	120



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<400> 2066
ctgccaatg agtgagttgg ccgaaaagca ggggtcagag gtcacagatc ccacagccaa    60
ggctgaggca cagtcctgca cctggatgtt caagcccaa cctgtggaca ggccagtggg    120
ctccagggag cagcacctgc aggttagcca ggtcccggct ggggaaagac agacagacag    180
acacgtcttt gagaccgagc ctcttcaggc ctcaggccgt ccctgtggaa gacggcctgt    240
gagatactgc agccgcgtgg agatcccttc agggcagggtg tctcgtcaga aagagggtttt    300
tcaggccctg gaggcaggca agaaggaaga acaggagccc cgggtaatcg ctgggtccat    360
ccccgcgggt tctgtccaca agttcacttg gctttttgag aattgtccca tgggctccct    420
ggcagctgag agcatccaag ggggcaacct cctggaagag cagcccatga gccccctcagg    480
caacaggatg caagagagcc aggagactgc agctgagggg accctgcgga ctctgcatgc    540
cacacctggc atcctgcacc atggaggcat cctcatggag gcccgga                    586

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<210> 2067
<211> 553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(543)
<223> similar to gi4589628 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2067
ccacaagatg ctggtcaggg agaccggagt ccactctctg ctcatgacc cactcactca    60
gcgcgacgca gggacctata agtgcacgca taccaacaaa accgggcaga attcttttag    120
tctggagctc tctgtagtag ccaaagaggt gaagaaagca cctgtgatcc tggagaaact    180
acagaactgc ggtgttcccg aaggccaccc cgtgagactg gagtgccgcg tgataggcat    240
gccccacct gtgttctact ggaagaaaga caatgagacc atcccttgca ccagagagag    300
gatcagtatg caccaggaca caacagggtg tgctgcctt ctcatcagc cagccaagaa    360
atcagacgct ggatggtaca cgttgtcagc caagaatgaa gccggcatcg tgtcgtgcac    420
tgccaggctg gatataatcg ctacgtggca ccatcagatc ccaccgcca tgtctgtccg    480
gcccagtggc agtcgctacg gatctctcac cagtaaagga cttgacatat tttctgcctt    540
ttcctccatg gaa                                                    553

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<210> 2068
<211> 477
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(477)
<223> similar to gi3193306 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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094827 01 Feb 68

<210> 2069

<212> DNA

 $\langle 220 \rangle$ 

$\langle 222 \rangle$  (15) ... (478)

<210> 2070

<212> DNA

1224

<220>  
 <221> misc\_feature  
 <222> (4)...(309)  
 <223> similar to gi300249 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2070  
 cgcaagttct tagcgtgcgt gagccaggac tggtttctgc ggggtgttcaa ctttgactca 60  
 gtggagctgc acggtacgat gaaaagctac tttgggggct tgctgtgtgt gtgctggagc 120  
 ccggatggca agtacatcgt gacagggtgg gaggacgact tggtgacagt ctggtccttt 180  
 gtgactgcc gagtaatagc cagaggccac gggcacaagt cctgggtcag tgttgtagcg 240  
 tttgaccctt ataccactag tgtagaagaa ggtgacccta tggagttagg tggcagcgat 300  
 gaggacttcc aagaccttct tcattttggc tgagattgag caaatagtag acagttcagg 360  
 ctctccaaac ggaattttac gtacagtcgc cccgttagtg tcaactgatct gttttgtgtt 420  
 ctttggtctat taatcactta tttttatttg tgtttttttt tatcattttc atttttcgtc 480  
 ttcgcttctt gtcagagttc tttttttctc ttttgttctt ttct 524

<210> 2071  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (40)...(179)  
 <223> similar to gi5902181 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2071  
 ggaggaatgg actcttccca gcatctttct gctcttcagg atgagcggca ccattcggtc 60  
 ctcatgtccc tgctctgtgc ccatctgggg ctgagcccca aggacatagt ggagatggag 120  
 ctctgccttg cagacaccca gcctgcgggtg aggactggct gtaggaacct gtgggtgaag 180  
 ggccctcagg atcctggcca cccctagccc gtcctgctga agcaccatc acctccacca 240  
 agccctcagt aactctcatc cccgtttttc ccagtagaca catccccac tgcttctagg 300  
 gcggtgggtc tcaaaaagac aagttcccta cccagacct gccactagg actatctggg 360  
 aattggccct ttttacagat tcccgaagag tttcttctac aggtgggccc tgtctgcttt 420  
 gaccacact 430

<210> 2072  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(707)  
 <223> similar to gi2116552 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2072

gcggtggaat	tccgggttcc	ccgttctggt	tcggcatatc	tctacagcta	tgtcactgtg	60
ggtgaactct	gggccttcac	cactggctgg	aacctcatcc	tctcctatgt	cattggtaca	120
gccagtgtgg	cccgggcctg	gagctctgct	tttgacaacc	tgattgggaa	ccacatctct	180
aagactctgc	aggggtccat	tgactgcac	gtgccccatg	tccttgcaga	atatccagat	240
ttctttgctt	tgggcctcgt	gttgcctgct	actggattgt	tggctctcgg	ggctagttag	300
tcggccctgg	ttaccaaagt	gttcacaggc	gtgaaccttt	tggttcttgg	gttcgtcatg	360
atctctggct	tcgttaaggg	ggacgtgcac	aactggaagc	tcacagaaga	ggactacgaa	420
ttggccatgg	ctgaactcaa	tgacacctat	agcttgggtc	ctctgggctc	tggaggattt	480
gtgcctttcg	gcttcgaggg	aattctccgt	ggagcagcga	cctgtttcta	tgcatttggt	540
ggtttcgact	gtattgctac	cactggagaa	gaagcccaga	atccccagcg	ttccatcccg	600
atgggcattg	ggatctcact	gtctgtctgc	tttttgccgg	attttgctgt	ctcttctgca	660
ctcaccctga	tgatgcctta	ctaccagctt	cagcctgaga	gccctg		706

<210> 2073  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (51)...(419)  
 <223> similar to gi3851202 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2073

ggaggctgga	ctgagccagt	gtgcttggga	aagagactgg	cttttccctt	tcagagttgc	60
ccagggaag	cagctatgac	atctacagag	tgcccagcag	tcagagcatg	gaggatcgtg	120
ggtacagccc	cgacacgcgt	gtggtccgct	tcctcaaggg	caagagcatc	gggctgcggc	180
tggcaggggg	caatgacgtg	ggcatcttcg	tgtccggggg	gcaggcgggc	agcccggccg	240
acgggcaggg	catccaggag	ggagatcaga	ttctgcaggt	gaatgacgtg	ccattccaga	300
acctgacacg	ggaggaggca	gtgcagttcc	tgtcggggct	gccaccaggc	gaggagatgg	360
agctggtgac	gcagagggaag	caggacattt	tctggaaaat	ggtgcagtcc	cgcgtg	416

<210> 2074  
 <211> 585  
 <212> DNA



<210> 2076  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (49)...(658)  
 <223> similar to gi157409 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2076  
 ggcttccatc ctaatacgac tcactatagg gctcgagcgg ccgcccgggc aggtgctggg 60  
 tcgtttgtgg gcgaagtaag tgctgtagat aaagactttg ggccaaatgg agaagtaagg 120  
 tattcttttg aaatggtgca gccagatttt gagttgcatg ccatcagtgg ggaaattaca 180  
 aatactcatc agtttgacag ggagtctctt atgaggcgga gagggactgc tgtgttttagc 240  
 ttacagtca tagcaacaga tcaggggatc cctcagcctc tcaaggatca ggccactgta 300  
 catgtttaca tgaaggatat aaatgataat gctcccaaat ttttaaaga cttttaccaa 360  
 gctacaatat cagaatcagc agccaatctg acacaagtgt taagagtatc tgcctcagat 420  
 gttgatgaag gtaataatgg acttattcac tattctataa taaaaggaaa tgaagaaaga 480  
 cagtttgcta tagacagtac ctctggtcag gtaacactaa ttggcaaatt agactatgaa 540  
 gcaacacctg cctattccct tgtaattcaa gcagtggatt cagggacaat cccctcaat 600  
 tcaacgtgta ctttaaatat tgatatttta gatgaaaatg acaatacccc tttctttccc 660  
 taaatcaaca cttctttgtt gatgttttgg aaaacatgag aattggtgaa ctcggggcct 720  
 ctggtactgc aactgattcc cgattcaggt gacattgctg atttatatta caagtttact 780  
 gggactaaac acccccccg g aacttttagc attagcccca aacacttggg agtatttttc 840  
 ttggcccaaa aa 852

<210> 2077  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (147)...(377)  
 <223> similar to gi487836 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2077  
 ttctgtaagc ttccccgggt gtcggcgcca ggtggaatth ccacgcttta tctgcgcctg 60  
 cgccgcgcgg gattcgcggt ccgagctgaa gaggttcgcg gtccgggtttc acttctccga 120  
 accctgaggg agtgtgtgaa gctgggacgc cagccatggt ccagaccgct tggcgccagg 180



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aaccagtgc ctttgaggat gtggctgtgt acttcaccca gaatgaatgg gccagcctgg 240
actctgtgca gagggccctg tacaggggaag tgatgctgga gaattatgca aatgtggctt 300
ccctggcatt cccattcacc acgcctgttc tggctctcca gctggagcaa ggggaactgc 360
catggggcct cgatccctgg gaacctatgg gcaggagggc tctcagaggt atctgg 416

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<210> 2078

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(364)

<223> similar to gil054940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2078

```

ctggtgattg ctatgacctg tatggagggg agaagtttgc cactttggct gagttggtcc 60
agtattacat ggaacatcat gggcaattaa aagagaagaa tggagatgtt attgagctta 120
aaaatcctct gaactgtgca gatcctactt ctcaaagggtg gtttcatgga cacctctctg 180
gaaaagaagc agagaaattg ttaactgaaa aaggaaagca tagtagcttt cttgtacgag 240
agagccagag ccaccctgga gattttgttc tctccgtgtg caccggtgat gacaaaggag 300
agagcaatga cggcaagtct aaagtgactc atgtcatgat tcactgtcag gaactgaaat 360
c

```

<210> 2079

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(417)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (5)...(418)

<223> similar to gi50675 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2079

```

tttcgtcaaa gggcacctgc ccaagctgca gatgccaggt ttcaagggtc ccaaagtgga 60

```

cctcaagggc	cccgaatatag	acatcaaggg	ccccaagctg	gacctaaaag	acccaaggt	120
ggaagtgaca	gcccctgatg	tggaggtgtc	tctgcccagc	gtggaggtgg	acgtcaaggc	180
cccaggagcc	aagctggatg	gtgcgcggct	ggagggggac	atgtccctgg	ccgacaagga	240
cgtgactgcc	aaagacagca	agttcaaaat	gccaagttc	aagatgctct	cgtttggggt	300
gtctgcccct	ggcaagtcca	tcgaggcctc	agcggatgtg	tctgcgctga	aggtggaggc	360
cgacgtgagc	ctcccctcca	tgcaggggga	ccttaagacc	actgacctca	gcgttn	416

<210> 2080  
 <211> 579  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(581)  
 <223> similar to gi5821434 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2080						
actacttaaa	caaaccacag	gtgatgaagt	tttaataatt	caagataaat	tggaagccat	60
taaagcaagg	tacaaagaca	ttactaaact	gagcactgat	gtggccaaga	ctctggaaca	120
ggcgctgcag	cttgcaaggc	ggctgcactc	cacacacgaa	gagctgtgta	cctgggtgga	180
caaagtggag	gtggaattac	tttcatatga	aactcagggt	ctgaaaggag	aagaagcaag	240
tcaagcacia	atgagaccaa	aggaactgaa	aaaggaagct	aagaacaaca	aagccttact	300
ggactccctt	aatgaagtga	gcagtgcctt	gctggaactg	gtaccatgga	gggcaagaga	360
aggacttgag	aaaatggtag	ctgaggacaa	tgagcgctac	cgattagtga	gcgacaccat	420
cactcagaag	gtggaggaga	tcgatgcagc	cattctgcga	tcacagcagt	ttgaccaagc	480
agctgatgct	gagttatcct	ggattactga	aacagaaaaa	aaattgatgt	ctctgggtga	540
catcaggcct	gagcaagacc	agacttctgc	tcagcttca			579

<210> 2081  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(155)  
 <223> similar to gi2224639 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2081
acgagcgtgg aggcgcgcag gtaaattgcta cagatgaaat caagcgagag attatccatc 60
agttgagtat caagcctatg gctcatagtg aattggtaaa gtctttacct gaagatgtaa 120
gtacctacat ttctaaaaag aaaaccatag aaacttttcc ctgcctatca gtctagtatc 180
tatagattta cttctgtata cttttctcac aattgtaaaa tctattgtca tgggatgtgt 240
ataattccgg ccactcttat tatgaataat tagaaaaaga gaataggagt agaaaaacaga 300
atagtaatag aatcttttac aataaagcct tgaggaagat aaggacacta aacaaaaagt 360
agcccaaacc tcagaactaa ggtttgtagc ccacagaaag aggtcattat agggctctta 420
gtacaaagtt gctatgggtg tggataatgc tttgtaacct agtatattga ggaagggagt 480
cagaagtgcc tactcaccta tactgagtag aataaataat gttttcctaa gctttttcct 540
tcttggcctc cagagagtct tcttaatgac gagcccttgt ttcatttttag tgaatgcaaa 600
ataatagtga aaaggacatt catagggttaa attgcaactg tttttccttc caggggtgat 660
aagttcccca gcaacctata tttcagccat ggggtttttc agaaactcaa cccttataat 720
tgagaagaga ctttattttc attgaggcct ttcaaaatgt ttgccctaatt ttgaaacata 780
gatcanaacc ttca 794

```

```

<210> 2082
<211> 591
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(591)
<223> similar to gi57671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2082
tctctgtacc gaaatgccct gggcagccgg ggggtgaagc tgctctgtca aggactcaga 60
caccccaact gcaaacttca gaacctgagg ctgaagaggt gccgcattct cagctcagcc 120
tgcgaggacc tctctgcagc tctcatagcc aataagaatt tgacaaggat ggatctcagt 180
ggcaacggcg ttggattccc aggcattgat ctgcttttgc agggcctgcg gcatcccca 240
tgaggctgag agatgattca gttgaggaag tgcagctgag agtccggggc ttgtcaggag 300
atggcttctg tgctcggcac caaccacat ctgggttgag tggacctgac aggaatgca 360
ctggaggatt tgggcctgag gttactatgc cagggactga ggcacctgac ctgcagacta 420
cggactttgt ggctgaagat ctgccgcctc actgctgctg cctgtgacga gctggcctca 480
actctcagtg tgaaccagag cctgagagag ctggacctga gcctgaatga gctggggggac 540
ctcgggggtg tgctgctgtg tgagggcctc angcatccca cgtgcaagct c 591

```

<210> 2083  
 <211> 605  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (24)...(191)  
 <223> similar to gill60965 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2083  
 tttttttttt tgacgtgggt tagattggac gactgattat tggacagaat ggcattctgt 60  
 caacacctgc ggtctcctgc attatcagga agatcaaggc agctggtgga atcattctaa 120  
 cagccagcca ctgccctgga ggaccagggg gagagtttgg agtgaagttt aatgttgcca 180  
 atggaggtat gtggttcagt atatgcctta ataatacaga tttccttcct cttatattat 240  
 tatagtctca cagtgaacct ttgatgatag acaagcaagg tgcagaggac ctagctcaga 300  
 aaaatttagt gaggtgcca aagtgatcca acaagaagt ggcattgatg gctcatgaac 360  
 ccatttgggt ggtctcttgg tcccctgtac tcttcagcat aaactattga atagttgatg 420  
 cttatctgat atggaaggac tctgaatttt aacattaaaa cataacctga aggtcgttgt 480  
 ctaaatgaca atgacctca ttttacacat gaacaaatca aaggcctgag aggtcgagtt 540  
 actgctgaag gccacagggt tgatcagggt cagattaatg atttttagcc caaatcctgg 600  
 gctct 605

<210> 2084  
 <211> 2483  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (341)...(556)  
 <223> similar to gi5824417 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2084  
 ataaaatgga catagtagta ggacttacct cccagggtctg tggttataga ggttttgtaa 60  
 gaattaaatg acatcatcca tgtaaagcat atagcagaat gcctggcaca tagatgccct 120  
 tagtgaattt ttgctgttgt tgtgattctt ttgggagcag tcatagtaac atattctcat 180  
 atgttggtat gttctttcat attgcattgt cttatgaata gattctggaa accaaaaatgg 240  
 aggaaatgat gataagacta agaatgctga gaggaactat ttaaatgttt tacctgggga 300  
 attttatatt acacggcatt ctaatctctc agaaatccat gttgctttcc atctctgtgt 360  
 ggatgaccat gtgaaatcgg gaaacatcac tgctcgtgat cctgccatta tgggactccg 420  
 aaatatactc aaagtttgct gtacctatga catcacaaca ataagcattc ctctcttgct 480  
 ggtacatgat atgtcagagg aaatgactat accctgggtgc ttaaggagag cggaacttgt 540  
 gttcaagtgt gtcaaagggt tcatgatgga aatggcttca tgggatggag gaatttctag 600

gacagtgcaa	tttctagtag	cacagagtat	ttctgaagaa	atgtttttatc	aacttagtaa	660
catgcttccc	cagatcttcc	gagtatcatc	aacactcact	ctgacatcca	agcactaaac	720
ccttatagat	tgacatgctg	gcagaagatg	attgttaaac	tctccaggaa	cttgtgctat	780
gctgggaatc	tgtcaagcaa	aagatgccc	gaaagagaac	ttgcagctca	atccacaaat	840
caagatacat	gtgtgtgaaa	cccattccaa	aaatttatat	actggcacaa	actggtggat	900
caaccctaa	cttaaacact	taaagtctct	ttatgaattt	ctcttttttt	cttctctgtg	960
ttacctgtgg	aataattagg	aatctaaaac	tttttattta	ttcacacagg	gacacttggg	1020
gggaaaggga	aacttgatta	tattttacatg	ggagggcatt	tgactttttt	caaggaggggc	1080
ttggacttcg	tcttcaggtg	gcaatcctta	attaaacata	caaacaaaat	tttcctttta	1140
ctttcttttg	caaaacaaaa	tgtaaaagca	ctgaaatata	cattgcaagt	acaaatttcc	1200
tgtgaaaatc	tttttataga	aacacaaatg	tataagacaa	atgtgcttgt	tcttttaa	1260
tctcctgttt	cagaatctct	ttttaatcta	ctcctaagga	tgtacaagtt	agagtcagaa	1320
gacgttttgg	attttttccc	tctctctcat	cctcccgtg	tgcccttgca	cttgcatatt	1380
aataacattt	catggactgg	gaaatagtgt	tcttttttgc	aagcttgatg	tcaagttagt	1440
ctaaaccagc	acctggcagt	attttagtgc	tcatcaacat	tgtgacaatc	acacaaggaa	1500
gatcatttct	acatttctgt	cctccctgcg	ttctcagctt	gcttaaccat	tcctctacct	1560
cttgcatttt	tttgcgata	aatgtatccc	catttctgct	tctctgtttc	ccctcctttt	1620
ccattgtttt	tccttatgg	actactttct	caggtgctac	atatcatata	tttgtcccat	1680
ctataacata	tttaaatgct	ataagtagta	actccattaa	acaaaggcat	ttacaaaagc	1740
acacaggtgt	ttagaaaagc	aatagtttca	tcaattccaa	gttatgtgga	tattgtaact	1800
ggccacaaga	atgaaatgga	gggcatttgg	tgtcataaga	tgcatgtct	tgatgacaag	1860
aaacaaaacg	cccttcatta	atatgcctca	gtgtaataac	tattatagaa	actgttggca	1920
agcagagtgc	tttcctataa	cagaatgtgt	cttaattttc	tacttgaggg	aaaggtttgt	1980
ccaggtaaca	acactaaaga	caaccctaag	aacacccact	ccagcagtat	gtccattaga	2040
cactaaaact	ctccaaatta	tttgtcaggg	agcctggcga	ttctgccaa	aaggcagggtg	2100
ttttgccctt	agagcctata	cagttctctt	ggagaaattg	tctttcaggc	accactgtta	2160
atcactgaga	ctgattctaa	tgcaaagcag	ggaagacaga	ggcagaaacc	aggagagtgg	2220
tagatcagtg	cagcccagat	atcggaatgg	aggagcaaag	tttcattcac	ggatgtttgt	2280
tgaatgctgc	tgcccaactc	ttcctttgtc	acctctaggc	tattccacta	agttacttat	2340
aaactggtgg	ctttaactga	gggctgtgta	aaggctactat	ttggcatgtg	aagtcaggat	2400
aaattttatc	aatgtccgtt	ttccacatgc	aactgtgtta	cagaagtagt	aaaattggaa	2460
gaatcatgtt	tatggtgtta	cca				2483

<210> 2085

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (170)...(377)

<223> similar to gil477565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2085

agagaaacag	cttcacactt	tttattttatt	cagaacgtgg	tgtacctttc	cagaatagca	60
gcttttagcct	cagttgagtt	atatgtgtca	atgccatttc	accataatga	gctaaatggc	120
tgatcagata	atataaaagc	actgtgttgt	gtgggtgcata	acatttccac	atgtttatgt	180
tatgtttttt	tcagatcgcc	tgataggctt	gccagagggg	cgtgctcgca	atcacaatcg	240
accgcatcaa	atccctgtcc	tggtgtggagt	aatcattgaa	gatgtggcag	ttggagctga	300

acacacactt	gctttggcat	caaatggaga	tgtgtatgcc	tgggggagca	attcagaagg	360
gcaggtaaat	atztatattg	cttgctgctt	tctcatattc	tagaaatctc	acagtgttcc	420
tcagttgggg	aaagagataa	gctaggaaat	tcataatcta	ctgcaatact	ccaagcacat	480
cactttgcta	tgggactgat	tattttgtaa	gtctagtatt	gtctttctct	ctcgactgcg	540
gccaaagaag	tattatacca	tggtttaaaa	caattctggt	agtacagcaa	agtgattaag	600
gggattggct	gagtatttat	gtgtgtgtcc	tcatacactg	ttaagtgcct	ggcatgtagt	660
aagctgcagt	atgtaaggat	ttgctactgt	caacattatc	atcattacta	cagcaagatg	720
tgagattagg	tcctgggaac	atcagttgat	atgggaaaaa	gaatgaaaca	ataatatttt	780
tatattttat	aatatgatgg	catacaaagt	atcttttaggt	ttttgcagga	agtcttgtca	840
ctcccattat	ttataggatt	aaactgagcc	tctgagatac	tgataagaga	ctcaagaggt	900
tgatgtattc	accctcctct	atztatgaag	gagggagaga	ccttggtgtg	agatgtctga	960
aatgctatga	cggtgacttt	tagcttcaca	tgcagagcc			999

<210> 2086  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (241)...(743)  
 <223> similar to gil695696 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2086		
acacctgacg	taccggaccg gaattccccc ccgacccacg cgtccgccgg ccagtccctc 60	
cccatttcgc	agttctactc ccacgggtggg ctgatggccg accacttgcc aggaaggatg 120	
cggcccaaca	ccagctgccc ggtaccaatc aaagtctgcc ctgcgtcacc ccccttgagg 180	
accaggacca	ggacttccag ctctgtctct tcctattcct acgcggagga cgggagcggg 240	
ggctcaccct	gcagcctccc tctctgtgag ttctcctcct cgccctgttc ccagggagcc 300	
agattccttg	ccacagaaca tcaggaacca ggctgatgg gagatggaat gtacaaccaa 360	
gtgcggcccc	aaattaaatg tgagcagtct tatggaacca actccagtga cgaatccgga 420	
tcgttctcgg	aagcagacag tgagtcgtgt cctgtgcagg acaggggcca ggaggtaaaa 480	
cttccttttc	ctgtagatca aatcacagat cttccaagga acgatttcca gatgatgatt 540	
aaaatgcaca	agctaacctc agaacagtta gagtttattc atgatgtccg acggcgagc 600	
agaaccgca	tcgcggccca gcgctgccgc aaaaggaaac tggactgtat tcagaattta 660	
gaatgtgaaa	tccgcaaatt ggtgtgtgag aaagagaaac tgttgtcaga gaggaatcaa 720	
ctgacagcat	gcattggcga cg	742

<210> 2087  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (4)...(399)  
 <223> similar to gi4650844 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2087  
 aagaattttc ctgaagtggg acagcatgaa gagttcattc ttctgaggca aggagaggtg 60  
 gaaaagctaa tcaagtgcga tgaaattcag gtggatcctg aagaaccagt ctttgaggct 120  
 gtcatacagtt ggggtgaagca tgccaagaaa gagcagaaaag actccttgcc cagcctgcta 180  
 cagtatatgc agatgcccct gctaaccctc aggtatatca cagatgtaat agatgctgag 240  
 cctttcatcc actatgggtt acaatgcagg gatctgggtg atgaagcaaa gaagtttcat 300  
 ctgaggcctg aacttcagag tcagatgcag ggacccagga caagggctcg cctaggagcc 360  
 aatgaagtgc ttttggtggc tgggggcttc ggaagcca 398

<210> 2088  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (9)...(369)  
 <223> similar to gi4337015 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2088  
 caagcatcct gcccgccttg ctggtgacca tcctgatctt catggaccag cagatcactg 60  
 ccgtcattgt caaccggaag gagaacaaac tgaagaaggc tgccggctac catctggacc 120  
 tgttctgggt gggcatcctc atggctttgt gtccttttat ggggctcccc tggtagctgg 180  
 ctgccacggg catctccatc gccacatcg acagcctcaa gatggagaca gagaccagtg 240  
 cccctgggga gcagccccag tttctgggag tcaggggaaca gagagtaacc ggcatactcg 300  
 tcttcatcct gacgggaatc tctgtcttcc tggctcccat cctaaagtgt atccccctgc 360  
 cggtgc 366

<210> 2089  
 <211> 574  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(576)  
 <223> similar to gil789001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2089
cggcgcttca cgcgtagagg caggcagtg cgaatggaatg ctcattgatg gtggtagcca 60
gatagtaaaa gttcaagggc acgctgatgg tacaacgata aataagtctg gctctcagga 120
cgtagtacaa ggaagtctgg caacgaacac aaccataaat ggtggtcgcc agtatgttga 180
acagagcaca gtagaaacaa caaccattaa aaatggcggg gagcaaagag tatatgagag 240
ccgtgcgctg gacacgacga ttgaaggcgg aactcagtct ctgaatagta agtcaacggc 300
aaaaaatacg catatctatt ctgggtggcac gcaaattgtt gataacacca gcacctcgga 360
tgttattgaa gtttattctg gtggcgtgct tgatgttagg ggtggtacgg caacaaatgt 420
taccagcac gatggtgcaa ttttaaaaac taacactaac ggtacgacgg tgagcggtag 480
gaatagttaa ggtgcattct ccatccacaa tcacgtggca gacaatgtgt tgctggaaaa 540
cgggtggtcat ttagacataa acgcatatgg ttcg 574

```

```

<210> 2090
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(574)
<223> similar to gi4153862 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2090
cccacgcgtc cgggcatttc gagagggatc ccggaagtcc ttgcggatga agaattctcc 60
ctctgaagca cagaatttag atgagaatac aactgagggc tgggaaaatc ggataagact 120
atggactgac cagtatgaag aagctttcac taatcagtag agtgcagatg tacagaacgc 180
gcttgaacaa cacctacatt ctagcaagga atttgtgggc aaacctacta ttttagacac 240
tattaataag actgaattgg cctgtaataa cacagttatt ggttcccaa tgcagttaca 300
gctgggaaga gtcactcgtg ttcaaaaagca ccggaagatc ctgagggctg caagagattt 360
ggctttggac actcttataa tagagtatcg tgggaaagtc atgttacgac agcaatttga 420
ggtcaatggg catcttctca aaaaaccata cccctttgtg ctcttctact caaaattcaa 480
tggtgtagag atgtgtgtgg atgcccgtac tttcggtaat gatgctcggg tcatcagaag 540
atcatgtaca ccaaatgcag aggtgcgaca catga 575

```

```

<210> 2091
<211> 439
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```



<222> (193)...(440)  
 <223> similar to gi3790173 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2091  
 aatagagaag gtgccagaaa gatccaaaac aagtggctgc ggccgtcgcc caggagtcac 60  
 cggacgccag aatctgtgtc tccagaacgc tatagctatg gcacctccag ctcttcaaag 120  
 aggacagagg gtagctgccc tcgccgtcgg cagtcaagca gttctgcaaa ttctcagcag 180  
 ggtcagtggg agacaggctc ccccccaacc aagcggcagc ggccggagtcg gggccggccc 240  
 agtgggtgtg ccaaacggcg gcggagaggg gcccagccg caccacagca gcagtcagag 300  
 cccgccagac cttcctctga aggcaaagt acctgtgaca tccggctccg ggttcgagca 360  
 gagtactgcg agcatgggccc agccttgag cagggcgtgg catcccggcg gcccgaagcg 420  
 ctggcgcgcc aacttgacg 439

<210> 2092  
 <211> 788  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (539)...(781)  
 <223> similar to gi4689221 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2092  
 ggcggcgccg tttgagtgga ggaagatggc ggctccgggc ggctcggggc cccgccagct 60  
 gtgaggagcc ccgagcacgg ctgtcgcggc ctgaggcaga gcgcctctgc tctggccctg 120  
 tccctggctc cctcattacc gtcgccagcg gagcgaaccc gagagcgtgg agcgggctgg 180  
 gccagctggt gagtggaaatg tcatggccag ctccctcggac agtgaagatg acagtttcat 240  
 ggctgtggac caggaagaaa ctgtgctgga agggacaatg gatcaaatg aggagcccca 300  
 cccagtattg gaggctgagg agactagaca taataggtcc atgtcggagc tgccagaaga 360  
 ggttttggag tatatcctgt cttttctctc accgtatcag gaacacaaaa ctgcggccct 420  
 tgtctgcaaa cagtggatc gacttatcaa aggtgtagcc catcagtgtt atcatggttt 480  
 catgaaggct gtccaggaag gaaacattca gtgggagagc cgtacctatc cttatcctgg 540  
 aacccaatc actcagcgtc tctcgcacag tgcatgctat tatgatgcta atcagtctat 600  
 gtatgtgttt ggaggctgta cccagagcag ctgcaatgct gctttcaatg acctctggag 660  
 acttgacctt aacagcaaag agtggatccg acctttggct tcagggctct atccttcccc 720  
 caaagctgga gcaactctgg tcgtgtacaa ggacttgcta gtgctgtttg gtggctggac 780  
 gcggccag 788

<210> 2093  
 <211> 929

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (69)...(830)  
<223> similar to gi3688607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2093  
atttgataac cgtagtatat ctctgtacgc gagccggaat tcccgggtag acgatttcgt 60  
gcccgcacctt cccacctgcc gccatggtgc ccagccaggc cccttacctc gtcccagctt 120  
ttcccctccc agccgcgacc tcacccggaa gagaatacgc agcccccgga actgcaccgg 180  
aaggcctgca tgggcgcgcc ttgtccgagg gcttgcagcc ttaccagct ttcccttttc 240  
cttacttgga tacttttatg accgttttcc tgctgaccc ccctgtctgt cctctgttgt 300  
cgccatcatt ttggccatgt ccattcctgg gggcgacagc ctcttctgcg atatcacctt 360  
caatgtcgtc agcaatgagt ccaactctgg acccaccccc ttcagtcacc agccaaagga 420  
gagaggagga aaagtgggag gcacaaagcg aggggcaccc gttcattact tcgagaagca 480  
gtccaccctt gcagttaaac ttacttcagg aagagatgcc cagaccctct gaatctccag 540  
atcagatgag aaggaacacg tgcccacaaa ctgagtatca gtgtgttaca ggcaacaatg 600  
gcagtgcagc cagtcctgct actaccggtg cactgtccac ggggtcacct cccagggaga 660  
atccatccca tcctactgcc agcgctctgt ccacaggatc gcctcccatg aagaatccat 720  
cccacccctac tgccagcgct ctgtccacgg gatcgccctc catgaagaat ccatcccatc 780  
ctactgccag cacactgtcc atgggattgc ctcccagcag gactccatcc catcctactg 840  
ccactgttct gtccacgggg tcacctccca gcgaatcccc atccagaact ggttcagcag 900  
catcaggaag cagcgacagc agttgtatt 929

<210> 2094  
<211> 1050  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (140)...(635)  
<223> similar to gi60394 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2094  
tttcgtgccc gggcagcggg ggagcagcga gcgggcttcc gcgagccgga gaaggcacag 60  
gcctgtcccg ggtcccggca ggtctgcgcg tctgttccca gcgctctgcg aggcctaaaa 120  
aggaggagca acctgtccag aatccctgca ggacaggaaa aggaggggaa atctcgacat 180  
ggaaaaaccc tacaataaaa atgaaggaaa cctggaaaac gagggaaagc cagaagatga 240  
agtagagcct gatgatgaag gaaagtcaga cgaggaagaa aagccagacg tggaggggaa 300  
gacagaatgc gagggaaaga gagaggatga gggagagcca ggtgatgagg gacaactgga 360  
agatgaggga agccaggaaa agcagggcag gtccgaaggt gagggcaagc cacaaggcga 420  
gggcaagcca gcctcccagg caaagccaga gagccagccg cgggccgccc aaaagcggcc 480

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ggctgaagat tatgtgcccc ggaaagcaaa aagaaaaacg gacaggggga cggacgattc 540
ccccaaggac tctcaggagg acttacagga aaggcatctg agcagtgagg agatgatgag 600
agaatgtgga gatgtgtcaa gggctcaaga ggagctaagg aaaaaacaga aaatgggtgg 660
ttttcattgg atgcaaagag atgtacagga tccattcgcc ccaaggggac aacggggtgt 720
caggggagtg aggggtggag gtaggggcca gaggggctta cacgatatcc cataccttta 780
atgccttttg ccttccattc tgatttctct gatgagaata ttgctggccc tgctttccct 840
ggtaggtatt tgccaggccc aatgctttaa ccttaagctg atactttgct ttagatgtca 900
gtctcgttac cagcagcctt ttgacccaac tacggcgctc tatattttag tagaggatth 960
tcacccatgt gcatggaaaa gatgttcatg gtacattgta aaaaaataaa attaaaaatta 1020
aaaaaagttt gcagaaccgc aaaaaaaaaa 1050

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```

<210> 2095
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(421)
<223> similar to gi2505957 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2095
gcgggtcggt gtggcaagct tctcttgtct ctgacggctt gtagttatgg ggcaggagcc 60
gcggacgctg ccgccctccc ccaactggta ctgcgcccgc tgcagcgatg ccgtgcccgg 120
gggcctcttt ggcttcgccc cgcggaacct cgtcttcctt gtccgcgtag gcccgggcgc 180
aggcgagagt ccagggacac ccccgtttcg agtcatagga gagttggtgg gacacaccga 240
aagggtctct ggcttcacat tttctcatca ccctggtcag tacaacctct gtgccaccag 300
ctccgacgat gggactgtga aaatatggga ttagagagaca aaaacagttg tgacagaaca 360
tgactccat cagcatatga tatcaacatt acattggtct cctcgagtaa aggacttaat 420
agtatctggg gatgaaaaag gagtagtttt ctgttactgg g 461

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<210> 2096
<211> 1199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(1052)
<223> similar to gil755049 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2096
tttcgtcagg aatgaattaa gcagcacagc ccgagacgca ccacataaaa ggctgggaac      60
accagccagc cgaagaaaagc ccatttttgt gtctgtcagc ttagatgccc ttgcccggac      120
tgctaaaagat gcagctatatt acagtggaca gaaactgaag gggtgaaaga aaacccaaga      180
tgccagacca gtttgaccag gcggttgtgc tgaaccagct gcggtactca gggatgctgg      240
agactgtgag aatccgcaaa gctgggtatg cgggtccgaag accctttcag gactttttaca      300
aaaggtataa agtgctgatg aggaatctgg ctctgcctga ggacgtccga gggaaagtga      360
cgagcctgct gcagctctat gatgcctcca acagcgagtg gcagctgggg aagaccaagg      420
tctttcttcg agaatccttg gaacagaaac tggagaagcg gagggaagag gaagtgaacc      480
acgcggccat ggtgattcgg gcccatgtct tgggcttctt agcacgaaaa caatacagaa      540
aggtccttta ttgtgtggtg ataatacaga agaattacag agcattcctt gtgaggagga      600
gatttttgca cctgaaaaag gcagccatag ttttccagaa gcaactcaga ggtcagattg      660
ctcggagagt ttacagacaa ttgctggcag aaaaaaggga gcaagaagaa aagaagaaac      720
aggaagagga agaaaaagaag aaacggggagg aagaagaaa agaaagagag agagagcgaa      780
gagaagccga gctccgcgcc cagcaggaag aagaaacgag gaagcagcaa gaactcgaag      840
ccttgagaaa gagccagaag gaagctgaac tgacccgtga actggagaaa cagaaggaaa      900
ataagcaggt ggaagagatc ctccgtctgg agaaagaaat cgaggacctg cagcgcatga      960
aggagcagca ggagctgtcg ctgaccgagg cttccctgca gaagctgcag gagcggcggg     1020
accaggagct ccgcaggctg gaggaggaga tttttgcacc tgaaaaaggc agccatagtt     1080
ttccagaagc aactcaagag gtcagattgc tcggagagtt tacagacaat tgctggcaga     1140
gaaaaggagg caagaagaaa agaagaaaca ggaagaggaa gaaaagaaga aacggggagg     1199

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<210> 2097
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (16)...(177)
<223> similar to gi4186073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2097
tttttctctt ccatccagct gactgatgat cagggccccc tcttgatgac cactgtagcc      60
atgcctgtgt ttagtaagca gaacgaaacc agatcgaagg gcattcttct gggagtgggt      120
ggcacagatg tcccagtga aagaacttctg aagaccatcc ccaaatacaa ggtaatgaat      180
gacctaatcc ctgaaatcaa agcaacagag atgccagag ccttgttttc acaaagttca      240
ggcttcaaac tctactttgg agcgatgttt ttgctcacca ctattacagc ctggttagctt      300
gtcttttata catctgcaca gttattttaa agnnnnnnnn nnnattattt acaaggactg      360
gctgtttttc ttatttacct cct                                     383

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<210> 2098  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (33)...(388)  
 <223> similar to gi4240305 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2098  
 ctggccgaac tcccgggtcg acgatttcgt cgccgggcaa aatcgcggtg gttggggctg 60  
 ggattggggg ctctgctgtg gcccattttc tccagcagca ctttggacct cggtgtcaga 120  
 tcgacgtgta cgagaaggga accgtgggtg gccgcttgcc caccatctca gtcaacaagc 180  
 agcactatga gagcggggct gcttccttcc actccctgag cctgcacatg caggacttcg 240  
 tcaagctgct ggggctgagg caccggcgcg aggtggtggg caggagcgcc atcttcggcg 300  
 gggagcactt catgctggag gagactgact ggtacctgct gaacctcttc cgcctctggt 360  
 ggcactatgg catcagcttc ctgag 385

<210> 2099  
 <211> 508  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(510)  
 <223> similar to gil57999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2099  
 ctgtgaggcc atcgccacc caaggcctac catcagctgg gccaggaatg gagaagaagt 60  
 tcagttcagt gacaggattc ttctacagcc agatgattcc ttacagatct tggcaccagt 120  
 ggaagcagat gtgggtttct acacttgcaa tgccaccaat gccttgggat acgactctgt 180  
 ctccattgcc gtcacattag caggaaagcc actagtgaac acgtcacgaa tgacagtgat 240  
 caacacggag aagcctgcag tcacagtcga tataggaagc accatcaaaa cagtgcaggg 300  
 agtgaatgtg acaatcaact gccaggttgc aggagtgcct gaagctgaag tcacttggtt 360  
 caggaataaa agcaaaactg gctccccgca ccatctgcac gaaggctcct tgctgctcac 420  
 aaacgtgtcc tcctcgatc agggcctgta ctctgcagg gcggccaatc ttcattggaga 480  
 gctgactgag agcaccagc tgctgatc 508

<210> 2100  
 <211> 527  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (203)...(421)  
 <223> similar to gi3413830 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2100  
 tttcgtgccc tgctccttcc tgagggttta gagattctcc ttaactccca gccatggatc 60  
 ttggagaatt tcccccgaga tcagcaggag ggaaaagatg ccgttccacc atgtgaccgc 120  
 cggcttggtg tacaagggga attacctcaa ccgatcgctc tctgctggca gtgacagcga 180  
 acagctggct aatatctccg tggaggagct cgatgaaatc cgagaggcct ttcgggttct 240  
 ggaccgggat gggaacggct tcatctccaa gcaggagctg ggcatggcca tgcgctcttt 300  
 ggggtacatg ccaagcgagg tggagctggc catcatcatg cagcgcttgg acatggacgg 360  
 ggatggccag gtggattttg atgaattcat gaccattctt ggccccaac tgggtgtcttc 420  
 agaaggctgc gatggttttc ttgggaacac gatagacagc atattctggc aggtgagtaa 480  
 gaatatTTTT tttcagacta agtttgacag taaatgtgtc tgagact 527

<210> 2101  
 <211> 2147  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (8)...(2149)  
 <223> similar to gi2373395 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2101  
 tttcgttaac ctaattggta ctggaacaag tgaacactgg gtcgatgatg aagggcccca 60  
 gccaaagaaa ggaaaggctg aagatgaggc cttactctca gaagaagatg accccattga 120  
 tcgacggcca tggacacagc agcaccttga agctgcagac atccgtagga caccatcgct 180  
 ggctctcacc cctcctcagg cagagcagga ggtggatgtg ttagatgtga atgtccgtgg 240  
 ccagatggc tgaccccat tgatgttggc ttctctccga ggaggcagct cagatttgag 300  
 tgatgaagat gaagatgcag aggactcttc tgctaacatc atcacagact tggctacca 360  
 ggggtgccagc ctccaggccc agacagaccg gactggtgag atggccctgc accttgacgc 420  
 ccgtactca cgggctgatg ctgccaaagc tctcctggat gcagggtgcag atgccaatgc 480  
 ccaggacaac atgggcccgt gtccactcca tgctgcagtg gcagctgatg cccaaggtgt 540  
 cttccagatt ctgattcgca accgagtaac tgatctagat gccaggatga atgatggtac 600  
 tacacccttg atcctggctg cccgcctggc tgtggaggga atgggtggcag aactgatcaa 660  
 ctgccaaagc gatgtgaatg cagtggatga ccatggaaaa tctgctcttc actgggcagc 720  
 tgctgtcaat aatgtggagg caactctttt gttgttgaaa aatggggcca accgagacat 780

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gcaggacaac aaggaagaga cacctctgtt tcttgctgcc cgggagggga gctatgaagc 840
agccaagatc ctgttagacc attttgccaa tctgagacatc acagaccata tggatcgtct 900
tccccgggat gtggctcggg atcgcatgca ccatgacatt gtgcgccttc tggatgaata 960
caatgtgacc ccaagccctc caggcaccgt gttgacttct gctctctcac ctgtcatctg 1020
tgggccaac agatctttcc tcagcctgaa gcacacccca atgggcaaga agtctagacg 1080
gccagtgcc aagagtacca tgcctactag cctccctaac cttgccaagg aggcaaagga 1140
tgccaagggg agtaggagga agaagtctct gagtgagaag gtccaactgt ctgagagtct 1200
agtaacttta tcccctgttg attccctaga atctcctcac acgtatgttt ccgacaccac 1260
atcctctcca atgattacat cccctgggat cttacaggcc tcaccaacc ctatgttggc 1320
cactgccgcc cctcctgccc cagtccatgc ccagcatgca ctatcttttt ctaaccttca 1380
tgaaatgcag cctttggcac atggggccag cactgtgctt ccctcagtga gccagttgct 1440
atcccaccac cacattgtgt ctccaggcag tggcagtgtt ggaagcttga gtaggctcca 1500
tccagtccca cctccagcag attggatgaa ccgcatggag gtgaatgaga cccagtacaa 1560
tgagatgttt ggtatggtcc tggctccagc tgagggcacc catcctggca tagctccca 1620
gagcaggcca cctgaaggga agcacataac caccctcgg gagcccttgc ccccatgtg 1680
gactttccag ctcatcccta aaggcagtat tgcccaacca gcgggggctc cccagcctca 1740
gtccacctgc cctccagctg ttgcggggccc cctgccacc atgtaccaga ttccagaaat 1800
ggcccgtttg cccagtgtgg ctttccccac tgccatgatg cccagcagg acgggcaggt 1860
agctcagacc atttctccag cctatcatcc tttcccagcc tctgtgggca agtaccacac 1920
acccccttca cagcacagtt atgtcttctc aaatgtgtgt gagcgaacac ccagtcacag 1980
tggtcacctc cagggtgagc atccctacct gacaccatcc ccagagtctc ctgaccagt 2040
gtcaagtcca tcacccact ctgcttctga ctggtcagat gtgaccacca gccctacccc 2100
tgggggagct ggaggagggtc agcggggacc tgggacacac atgtctg 2147

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<210> 2102
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(538)
<223> similar to gil213006 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2102
ctgggagagg aggaagatga agccgaggtg gaagacgagg aggaggcggc gagccagcag 60
ttcctagagc agtcgctcca gccggggctg caggtggccc ggtggggcgg ggttgcgctt 120
ccccgagagc acatcgaggg cggcggcggc ccgagcgacc cctcagagtt tggcaccaag 180
ttcagggcac cgccaagggtc tgcggcggcc tctgaagatg cccggcagcc ggcaaagccc 240
ccctactcgt acatcgcgct catcaccatg gccatcctgc aaaacccgca caagcgctc 300
acgctcagcg gcatctgcgc cttcattagt ggcgcttcc cctactaccg ccgcaagttc 360
ccgcctggc agaacagcat ccgccacaac ctctcgctga acgactgctt cgtaagatc 420
ccccgcgagc cgggccaccc aggcaagggc aactactgga gcctggaccc cgcctccaa 480
gacatgttcg acaatggcag ctttctccgg cgtaggaagc gtttcaagcg ccaccaa 537

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<210> 2103  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(474)  
 <223> similar to gi3169768 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2103  
 ggtacaagga tgcctgctg ctgccagaca accaccgcca ggtgggtgtt gagaatggga 60  
 ccctcaagct gactgacgtg cagaagggca tggatgaggg ggagtacctg tgcagtgtcc 120  
 tcatccagcc ccagctctcc atcagccaga gcgttcacgt agccgtcaaa gtgccccctc 180  
 tgatccagcc cttcgaattc ccacccgcct ccacgtggca gctgctctac attccctgtg 240  
 tgggtgtcctc gggggacatg cccatccgta tcacctggag gaaggacgga caggtgatca 300  
 tctcaggctc gggcgtgacc atcgagagca aggaattcat gagctccctg cagatctcta 360  
 gcgtctccct caagcacaac ggcaactata catgcatcgc cagcaacgca gccgccaccg 420  
 tgagccggga gcgccagctc atcgtgcgtg tgccccctcg atttgtggtg c 471

<210> 2104  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (45)...(432)  
 <223> similar to gi5679450 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2104  
 aggctacgga gcaggcgaga ggcgacggcg agagctagag cgggcgcgagc gttaggggtg 60  
 ccgtgcaagg ggagccgtgg cccggggccc gggcgtgcga gacggcgga gacagcccagg 120  
 gccttgctgc cgccatgact gaggaatcag aggagacagt cctgtacatt gagcaccgct 180  
 atgtctgctc tgagtgaac cagctgtatg gatcactgga agaggtgctt atgcacaaa 240  
 actccacgt gcccagcag cactttgagc tgggtggcggt ggctgatccc ggagtcactg 300  
 tggccacaga cacagcttca ggcacgggcc tctatcagac cttgtgcag gagagccagt 360  
 accagtgcct ggagtgtggt caactgctga tgtcaccag ccagctcctg gagcaccagg 420  
 agctgcacct gaagatgatg gcaccccagg aggcagtgcc agctgagcca tcacctaagg 480  
 cac 483



<210> 2105  
 <211> 1229  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (140)...(814)  
 <223> similar to gi3929219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2105  
 tttcgtccgg cgccgggtcc cggagacaga cgttacgagg gctcggagcgt cctcgggaag 60  
 tgccagccag agttggtgac gaccacttcc tcgacgtggg gcgggaggac gggaagcctg 120  
 gggcgtggc caccgcctcg ggagctctgg gagcccggtg gaccgcgtag aaatgaacac 180  
 agaagcggag caacagcttc tccatcacgc cagaaatggc aatgctgaag aagtaagaca 240  
 actattagag accatggcga ggaatgaagt gattgctgac attaatgca aaggaagaag 300  
 taagtctaac ttgggctgga cacctctaca tctggcatgc tattttggac acagacaagt 360  
 ggtccaggat ctggtgaagg ctggtgcaga agtgaatgtg ttgaatgaca tgggagacac 420  
 gccgcttcat cgagctgcct ttacaggacg aaaggagttg gtaatgcttc tcttagaata 480  
 taatgctgat actactattg ttaatgggag tggacagaca gcaaaagaag ttactcatgc 540  
 tgaagaaatc acaagcatgc ttgaagctgt agaaaggact caacaaagaa agcttgaaga 600  
 attactttta gcagcagcaa gagaaggcaa aacaacagaa ctcacagctc tgctcaacag 660  
 gcccaatcct cctgatgtta actgttcgga tcagttagga aatacaccct tgcttggggc 720  
 agcttaccgg gcccataaac aatgggcctt aaagctttta aaaagtggag cagaccctaa 780  
 tctgaagaac aaaaatgatc agaaacctct tgaccttgcc cagggtgctg aaatgaaaca 840  
 cattcttggt ggtaataagg tcatctacaa agcattgaaa cgatatgagg gccctctctg 900  
 gaagagtica agattttttg gctggagatt attctgggta gtgttagagc atggagtcct 960  
 ttcattggtat aggaaacagc ctgatgcagt tcataatatt tatcgccagg gatgcaaagc 1020  
 cctgactcaa gcagtatgca cggtaaaatc cactgatagc tgcctcttct ttattaaatg 1080  
 ctttgatgac gccattcatg gcttccgggt tcctaagaat agccttcagc agtcaagaga 1140  
 ggcttggtg gaagcaatag tcgctctttc tgcttacagc gctcattact gtacacaaaa 1200  
 ccagctgact gatgaggagg aggtgtatt 1229

<210> 2106  
 <211> 474  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (79)...(457)  
 <223> similar to gi915001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2106  
 tttcgtcgtg gggccggggc ggagagaggc gagcaccggg aaggggagcg tggggccgct 60

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ggaatgggtg aatttaaggt ccatcgagta cgtttcttta attatgttcc atcaggaatc 120
cgctgtgtgg cttacaataa ccagtcaaac agattggctg tttcacgaac agatggcact 180
gtggaaattt ataacttgtc agcaaactac tttcaggaga aatttttccc aggtcatgag 240
tctcgggcta cagaagcttt gtgctgggca gaaggacagc gactctttag tgctgggctc 300
aatggcgaga ttatggagta tgatttacag gcgttaaaca tcaagtatgc tatggatgcc 360
tttggaggac ctatttggag catggctgcc agccccagtg gctctcaact tttggttggg 420
tgtgaagatg gatctgtgaa actatttcaa attacccacg acaaaaatacc agtt 474

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<210> 2107
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(858)
<223> similar to gi4314432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2107
tttcgtgccc tggctccagc atccacggca tcaggcgag cctctgtggg acagacatca 60
gctagaaaga gggatgcccc agcccctaga cctctccctg cttctgaggg gcatctccag 120
cctccagctc agacatctgg tctacaggc tccccacct gcatccaaac ctccccagac 180
cctcggtctt cccctcctt ccgagcccg cctgaggccc tccacagcag ccctgaggat 240
cctgttttgc cacggccacc ccagaccttg cccttggatg tgggccaggg tccttcagag 300
cctggcactc actcccctgg acttctgtcc cccaccttcc ggcctggggc cccctcaggc 360
cagactgtgc cccacctct gcccaagcca ccccgatcac ccagccgttc cccaagccac 420
tccccgaatc gctctccctg tgttccccca gccctgaca tggccctccc aaggcttggc 480
accagagta cagggcctgg cagggtgctg agccccaacc ttcaggccca agaagcccca 540
gccccagtca ccacctctc ttctacatcc accctgtcat cctccccttg gtcagctcag 600
cctacctgga agagcgaccc cggcttccgg atcactgtgg tcacatggaa cgtgggcact 660
gccatgcccc cagacgatgt cacatccctc ctccacctgg gcggtggtga cgacagcgac 720
ggcgagaca tgatcgccat agggttgcag gaagtgaact ccatgctcaa caagcgactc 780
aaggacgccc tcttcacgga ccagtggagt gagctgttca tggatgcgct aagggccttt 840
cacttcgtgc ttgtgag 857

```

```

<210> 2108
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(595)
<223> similar to gi3207508 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



[illegible]

```
<210> 2111
<211> 2166
<212> DNA
<213> Homo sapiens
```

<400> 2111						
tttcgttgca	attgcaacga	atggtgttgt	gcctgctggt	ggctcctact	acatgatttc	60
cagggtctctg	ggcccagagt	ttgggggtgc	cgtgggcctc	tgcttctacc	tgggcactac	120
ctttgcagga	gccatgtaca	tcctgggcac	catcgaaatc	ctgctggctt	acctcttccc	180
agccatggcc	atcttcaagg	cagaagatgc	cagtggggag	gcagcagcca	tgctgaacaa	240
catgcgtgtt	tacggcacct	gtgtgctcac	ctgcatggcc	actgtgggtg	ttgtgggtgt	300
caagtatgtc	aacaagtttg	cccttgtctt	cctgggttgt	gtcatcctct	ccatcctggc	360
catctatgct	ggggtcacat	agtctgcctt	cgaccacccc	aacttcccga	tctgcctcct	420
gggtaaccgc	acgctgtctc	gccatggctt	tgatgtctgt	gccaaagctgg	cttgggaagg	480

aaatgagacg	gtgaccacac	ggctatgggg	ccttttctgc	tcctctcgct	tcctcaacgc	540
cacctgtgat	gaatacttca	cccgaacaa	tgtcacagag	atccagggca	tccttggtgc	600
tgccagtggc	ctcatcaaag	agaacctctg	gagctcctac	ctgaccaagg	gcgtgattgt	660
ggagaggagt	gggatgacct	cggtgggcct	ggccgatggc	actcctatcg	acatggacca	720
cccttatgtc	ttcagtata	tgacctccta	cttcaccctg	ctggttggca	tctacttccc	780
ctcagtcaca	gggatcatgg	ctggttctaa	ccgctctggg	gacctgaggg	atgccagaaa	840
gtcaatcccc	actggcacca	tcttgcccat	cgccaccacc	tctgctgtct	acatcagctc	900
cgttgttctg	tttggggcct	gcattgaggg	ggtcgtcctg	cgggacaagt	ttggcgaagc	960
tgtgaatggc	aacctcgtgg	tgggcactct	ggcctggcca	tctccatggg	taattgtcat	1020
cggatccctc	ttctccacct	gtggggctgg	gctgcagagc	ctcacggggg	ccccacgcct	1080
gctgcaggcc	atctcgaggg	atggcattgt	gcccttctctg	caggtctttg	gccatggcaa	1140
ggccaatgga	gagccgacct	gggccctgct	cctgactgcc	tgcatctgcg	agattggcat	1200
cctcattgca	tccctcgacg	aggtagggccc	catcctctct	atgttcttcc	tgatgtgcta	1260
catgtttgtg	aatctggcct	gtgcagtgc	gacgctgctg	aggacaccca	actggaggcc	1320
acgctttcga	tattaccact	ggaccctctc	cttcctgggc	atgagcctct	gcctggccct	1380
catgttcata	tgctcctggg	attatgcact	ggtagccatg	ctcattgctg	gactcatcta	1440
caagtacatt	gagtaccgtg	gggcaaagaa	ggagtggggc	gatgggatac	gaggtctgtc	1500
tctcagtgcg	gctcgctatg	ccctcttacg	cctggaggaa	gggcccccac	acaccaagaa	1560
ctggaggcca	cagctgctgg	tgctgggtgcg	tgtggacca	gaccagaatg	tggtgcaccc	1620
ccagctgctc	tactgacct	cccagctgaa	ggcagggaag	ggcctgacca	tcgtgggctc	1680
tgtccttgag	ggcacctttc	tggaaaatca	tccacaggcc	cagcgggcag	aagagtctat	1740
caggcgccctg	atggaggcag	agaagggtgaa	gggcttctgc	caggtggtga	tctcctccaa	1800
cttgcggtgat	ggcggtgtccc	atctgatcca	gtctgggggc	ctcggggggc	tgacgcacaa	1860
cactgtgctt	gttggctggc	cccgaactg	gcgcagaaag	gaagatcatc	agacgtggag	1920
gaacttcatt	gagctgggtcc	gggaaaccac	agctggccac	ttagccctgc	tggtcaccaa	1980
gaacgtttcc	atgtttcctg	ggaaccctga	gcgcttctct	gaaggcagca	tcgaccgttg	2040
ggggattggg	cacgatggag	gcattgctcat	gctgggtgcc	ttcctgctgc	ggcaccacaa	2100
ggtctggcgg	aagtgcaga	tgcgtatctt	cactgtggcc	cagatggttg	acatgcatgc	2160
catgag						2166

<210> 2112

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(115)

<223> similar to gi4755083 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2112

tttcgtaatg	gctgctgaca	tttctgaatc	cagcggggct	gactgcttag	gagaccaag	60
gaacagtgcc	aagttagatg	ccgattaccc	acttcagatc	ctttattgtg	gaggcaagtg	120
ttggtagcca	cagaatgact	tttactcact	atacttttat	gcattgtaat	aacagtttga	180
catttggtaa	gctttcttcc	ccatcctttt	catttggtga	gtttgtactg	ggggagagga	240
gtcctgggga	ggaggaggca	tgaattaaca	gagtttcccc	acctgggtga	tttgtgtctg	300
gctactctgc	ctgaagaagc	ttacagtcca	tttgtaacag	gatgtgcaac	taggttatatt	360
cagcctgaag	gtcctcaagg	tgtatgctag	tctagctgtc	aaaggagggc	ttcttggaag	420
attatgagtt	a					431

<210> 2113  
 <211> 1992  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(1380)  
 <223> similar to gi9916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09483725 "012100

<400> 2113  
 aaatatactt acttagaact tcccttcatc gagaaagaga acaagcgcaa caacttcatc 60  
 aacttcttgc attgaaagaa caggaacaca ggaaggaaact tgaaacaagg gagtttttta 120  
 ctgatgctga cttccaggat gccttagcta aagaaatagc caaagaagag aaaaagcatg 180  
 agcaaatgat aaaagaatac caagagaaaa ttgacgtgtt aagccagcag tatatggatt 240  
 tagaaaaatga attccgtatt gctttaactg ttgaagccag aagatttcaa gatgttaaag 300  
 atggttttga aaatggttga actgagttag caaagagcaa acatgctctt atttgggctc 360  
 aacgaaaaaga aaatgagtct tcctctttaa ttaaagatct gacctgtatg gtaaaggaac 420  
 aaaaaacaaa actggcagaa gtttctaaat tgaaacaaga aacagcagca aatttacaga 480  
 atcaaatcaa cacccttgaa attttaattg aagatgacaa gcagaagagt attcaaatag 540  
 aacttctcaa gcacgaaaaa gtccagctta tttctgagct agcagccaag gaatcactaa 600  
 tatttggttt aaggacagaa agaaaaagtat ggggacatga gctggcaca caaggatctt 660  
 ctctagccca aaatcgtgga aaattggagg ctcaaattga gagtttatct agagagaatg 720  
 aatgtctgcy aaagacaaat gaaagtgata gtgatgcatt aagaataaag tgcaaaatca 780  
 tagacgacca aactgaaact attagaaaat taaaagattg tttacaagaa aaagatgaac 840  
 acatcaaaaag attacaagaa aagatcacag aaatagaaaa atgcactcaa gaacaacttg 900  
 atgaaaaatc ttcacaactg gatgaggtac ttgagaagtt ggaaaggcac aatgaaagaa 960  
 aagaaaaact aaaacaacag ttgaaaggaa aggaagtaga acttgaagaa atcagaaaaag 1020  
 cttacagtac actgaatcgg aagtggcatg ataaaggaga acttctatgt catcttgaaa 1080  
 cacaagtaaa agaagtgaag gaaaaatttg aaaacaagga aaagaaactt aaagcggaaa 1140  
 gagacaaaag tattgaacta caaaagaatg caatggaaaa acttcatagt atggatgatg 1200  
 ctttataaaag acaagttgat gcaattgttg aagctcatca agctgaaata gcacagctgg 1260  
 ccaatgaaaa gcagaagtgat attgattctg caaatttaaa ggtccatcaa attgaaaaag 1320  
 aaatgcgtga acttttgga gaaacatgca agaacataaa aacaatggaa gcaaaaaatta 1380  
 agcaacttgc ttttgcttta aatgaaattc agcaagatat gtgatggttc tgagaatgaa 1440  
 tttaattgaa atagaccagc agacctattg taaaaatgat taaatattgt aatagtagta 1500  
 actgctatga ctttgaaatg tctctttcta tacatttcat tatgaatata tttttaaaga 1560  
 cttttgatca agtattaatt gtataggttt tttataataa attgttgaca attttgtcta 1620  
 tttagaaaaa ctatcataac tagacttaca atatttttct tgtttctgta ctatacgttg 1680  
 tttggtaatt acacatttgc ctacaaattt gtgaatgaaa agattagtat tttcaccata 1740  
 tgaggtaaaa cattttaatc attgttatct tattgtgatg atgaagaact aattatattt 1800  
 gttatttaat tgatgtagct caattctttt aaagtactta tgtagccaaa aagcatttga 1860  
 aatctgtatg ataaaaagat tggcattctt aagaaaagtat atgtagccat ctccacatca 1920  
 ctcatatga ccccttcttt tataatgctt atatcttttc attaaagatt acatttaagg 1980  
 ttttataaaa aa 1992

```

<210> 2114
<211> 1013
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1014)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (709)...(900)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2114
tgggcggggt ccctcagggg gcccagcctc caagcctcag cctccattca gggagtagtg      60
gagtcctgga gccaggcgga gcagaggtgg gccacttgt gctagaatcc agtggtgtaa      120
acctagtga aaactcatth tgtaaatgca gatgcattaa acttggattg gaaactgtct      180
ctactaaaat tacaaaaaga gtatttaagt ggtgcagatt aaatataagc aagattgttg      240
agatatttaa aacacgaaat taaaaatata atagatgcac tggtgcaaat tactatttga      300
attatagatc attttcctat tgcctagaaa caatacatag ctaaaattcc ctaactactt      360
ttacgacaca tatttagaag gttttaaaaa tgtctgtagt cccagctatt cggcagggca      420
aggcaggaga atcacttgag cccaggagtt ttagaccagc ctgggcaaca tagtgagggc      480
ccatctctaa aaaaaacaaa aaaaaagaaa acttcggaaa tgtttcttga actaacttaa      540
aagccgcctt gcacttctca ctttgaatta gtttgaatta atttacaac tgcaatatat      600
tttaaaggag cttattgtag aaaataagtt gataaaaaaa taaggatata tctttaggga      660
tttgtcttta gggacttggt accaagcatg tctattttcc ctctgcagc ttctccaaac      720
aggctggtgt acaggagca acaccggagc tgggtgcacgc tggggtttgt gcagagcatc      780
gctctcacgc tgcaggtgtg cggcgccctc agctccctgc agtggtatcac gctgctcatg      840
aaggctgtgg aagggcacgc acccttcact gccacctcgc tgcagaggca ggtaatgtgc      900
tgccaggcaa aaccagttcc ctgagagagg cctccatgta ctgaagttcc ctgccctcag      960
agtcaggggc ctttattcan taacgagtgc agaaagggtc tagaagtgac agg          1013

```

```

<210> 2115
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (121)...(207)

```





```

ctgtatccaa tcaaaataat gatcagccta ccattgccgt cccccaact gccagcagc 1440
ccccaccgac cattccaact atgattgcag cagccagtcc cccgtcaca ccagccgttg 1500
ccctttcaac cattcctgga gcgggtccca tctctccacc catcaccacc attgcagctg 1560
caccacctcc atcagtcact gtgggtggca gtctttcctc cgtcttgggc cctcccgttc 1620
ctgaaattaa agtgaaagaa gaagtagaac caatggatat catgaggcca gtttctgcag 1680
ttcctccact ggctaccaac actgtgtctc catctcttgc attgctggca aacaacttgt 1740
ccatgcctac aagtgcacta ccacctgggt cctccccaag gaaaaagcct cgaaagcaac 1800
agcatgtgat ctcaacagaa gaaggtgaca tgatggagac aaacagcact gatgatgaga 1860
agtccactgc caagagtctt ctggtgaagg ctgagaagcg caagtctcct cccaaggagt 1920
atattgatga ggaaggtgtg agatatgtcc cagtgcgtcc aagaccccc attactttg 1979

```

```

<210> 2117
<211> 650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(205)
<223> similar to gi2588974 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2117
aaggggacaa gtcaagaccg tgggcgagcc catcttaatg gaacttgaat atcacgccat 60
ggatgccctc gacctcccg gatgtttccg aacaaggagt cacagctacc ttcgagccat 120
tcaagccggc tactcccaag atgacgaatg tattcccatg atgacaccct ctgacatcac 180
ctccaccatc aggtcaacag caggtaaggg gacgccggtt ttcagccttt ccagcgggga 240
ctctagaggc atacctgtct tcttcctaga aggagcgagc agcacacagc agcacagtac 300
aatgtactct cctgacattt agtaacgttt cctaattgct tgtgttacac tgtcacattc 360
gcaaggggtg tttgtctcgg gtagatacac ctttcttttt cttagaatga aatctactca 420
ttagcaaggt tccttaaaat aatcaagtgt aacttgtgta aagttttaga gaggagaaaa 480
aatggaagtg ctagcatttg gaaggtgatt aagttttaaa taccaaagtt taatggattg 540
cagtgaagatt tctgctgatg cgcagtgtct ctgcgaaggc ccttaagttg ggtcccgcca 600
gtgttttgcc agttaagccg ttgtacgggt acggacattg aattcgtaat 650

```

```

<210> 2118
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = a,t,c or g

<220>

```

<221> misc\_feature  
 <222> (31)...(120)  
 <223> similar to gi5762305 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2118  
 ttctatctga ggctactgtc ttttttctgc tttcaggagc atgagaagag gtgttgaggc 60  
 gttgacttta atttgatgga tcctaaactc ttggcttcag gttctgatga tgcaaaaggt 120  
 actgtttgaa tctctttctc agcacctcct tctccctggc cctcttaact gtaattcctt 180  
 tcatcggcag aaatacaaat atttactcaa actcatgtca gtcctttgtg attactgatt 240  
 attattattc cccannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nn 392

<210> 2119  
 <211> 972  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (423)...(693)  
 <223> similar to gi2224703 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2119  
 ggttttgcct taggttgaag ctttctaacg aggagatccg gcaggccatc ttgaagatgg 60  
 atgagcagga ggaccttgct aaggacatgc tggagcaggt gaggaccctc gtgggaagga 120  
 aggggaactg aaccagcgg gcagccacgc cccttcccaa cagccccag gaggtgcga 180  
 ttcttggtgc aaggagaaat caggctggaa gagttaggga gaaggtttat agaagcctcc 240  
 ctgggccggc ctttcttggg gaaagctgga aaaggctaag tgttctccag gagtcattct 300  
 cccatctgac tccaaggcaa agtcagatga ggaaaagtga catcttcccc aaatctcttc 360  
 cctctcagtt ttttgatcc tttgggaaac cagttgcttg tgtgacttgc gcctgctctt 420  
 tgcagctcct caagttcatc ccagagaaga gtgacattga cctccttgct tacaggattg 480  
 accactacca gcagcgactg caagccctct tcttcaagaa gaaattccag gagcggtg 540  
 ctgaggcaaa gcccaaagtg gaaggtaggg ctgagggttg caggaggctt agagtggaga 600  
 gttatctgat catgatcctg gagaagcatt ttcctgatat tctaaacatg ccttcagagc 660  
 tgcaacatct tccagaagcc gccaaagtca agtgagggtt ctctccaaga ctctcttctc 720  
 cccatgatga ccctcattct tgtcttactt tcctcttttg gggctactc tgggcttgat 780  
 gatggctggg gtgagacctc gggtcttgct ttctgagttc aaaagaattt aaacagacac 840  
 acagcaaagg ggggttagca tagaacaatg tattgcaaaa gaagatatct tgtgagttag 900  
 gtgcagaata gacagtacac cctgagagag agaggattca ggggtgggctg cttgtaagga 960  
 attacaccgc ac 972

<210> 2120  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (15)...(194)  
 <223> similar to gill196814 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2120  
 gcgggtggaat tcccctaggc actgactacg tgcacaagtt tgtgggcaaa gagccaagtg 60  
 gcctgcgcta caacaagctc tccctcaatg aggaaggaat cccccataac cccatgggtca 120  
 atgctggtgc cattgttgtc agctccctga tcaagatgga ctgtaacaaa gcagagaagt 180  
 ttgattttgt aagttccctt gctacttagc ccctggctgc atttcgccat ggcatgctgt 240  
 cctctccagc tgccccagtg gctctctaac ccactacca ggtgcaccag cccatactag 300  
 aagccttatt tccagaaatg tggaaatctg ctggcctcaa gagaggaaag cctcttgaca 360  
 agacctgagt tcagaagggc tagtcaacct gtgaggtatt aatagagctt ctaaccaag 420  
 tggagcctca atgtcccttt ttctcttcca ggtgttgagc tatctcaaca aaatggctgg 480  
 gaatgaatac atgggtttca gcaatgccac gtaagtccct actcagagga ctgactgaaa 540  
 gcattgtggt gtatgtgtgt gtacttagga tggggacaag aggaatgggg gagagagaat 600  
 cttaggagga agaaatccca ggggaacttt ggccctccag ctctctctga gtcccttcat 660  
 aaacatttgt ttatcttgta aaa 683

<210> 2121  
 <211> 561  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(562)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (151)...(292)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2121  
 ccgcccacgc gtcgcgccac gcgtccgccc aaaccaacaa aacccttcac ctaaaacccg 60  
 aagctaccca gacctcagaa ttttgatgt ctattaagtt ggcggtcccc agcagnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnat cctgaagcat ttcataaag aattgtaaca 180  
 ggagatgaaa catggcttca ccagtatgat cctgaagaaa aagcacaatc aaagcagtgg 240

```

ctatcaagag gaggaagtca aagcaaagca gaccagtcaa gagcaaaggt tggagtggct 300
ctggtgacaa ctcaactctgt tctcatggtc acaaatccct gctcaactgct gccactgctg 360
ctgccaccac agaccaagag ctccacttgc acagtgtctgc tggctaagaa gaagttgctg 420
tacctgagca ctggaccaca tggactcaca gagactccca accaggtaaa ggggtgatat 480
ggcttggtgga tgtcaaccat attctcttct tgatcacctc gctgctggaa caatgggcca 540
tggtcagagt agagtgggtca t 561

```

```

<210> 2122
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(405)
<223> similar to gil82074 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2122
cagctgcagg ctttgtgggc tttcagggaa ataagagaat ccatttgata aaatggccag 60
atgtctgcaa attgaagttt gaagggaaga cattttatgt gattggcacc cagaaggaga 120
aaaaagccat gttggcattc catacttcaa caccagctgc ctgcaaacat ctttgggaagt 180
gtggagtgga aaaccaggcc ttttataagt atgcaaaatc cagtcagatc aagactgtat 240
caagcagcaa gatatttttt aaaggaagta gatttcgata tagtgggaaa gttgccaag 300
aggtgggtgga ggccagttcc aagatccaga gggagcctcc tgaggtgcac agagccaaca 360
ttactcagag ccgcagttcc cactcctttg aacaaacagc tcatcattaa catggaaccc 420
ctgcagcccc tgctttcttc ccccgagcag caagaagaag aaacttctct g 471

```

```

<210> 2123
<211> 615
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(605)
<223> similar to gi2384711 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2123
gggtgacacc gccatgattt ccacaagcac ctctgaaggg tgtgaagcag tcatgattgg 60
tgctgtcctc caggatgaag atcggctcac catcacaaga gtagaagact tgagcgatgc 120
tgccatcatc tccaccagca cagcagaatg tatgccatt tccgccagca ttgacagaca 180

```

```
tgaagagaat cagctgactg cagacaaccc agaaggggaac ggtgacctgt cagccacaga 240
agtgagcaag cacaaggtcc ccatgcccag cctaattgct gagaataact gtcggtgtcc 300
tgggccagtc aggggaggca aagaaccggg tcccgtgttg gcagtgagca ccgaggaggg 360
gcacaacggg ccatcagtcc acaagccctc tgcagggcaa ggccatccaa gtgctgtttg 420
tgcggaaaaa gaagagaagc atggcaagga gtgccccgaa ataggacatc ttgcaggaag 480
aggacagaaa gagagcactt tacacctcat aaatgcagaa gagaagaatg tattgttgaa 540
ctcccttcag aaagaagata agagcccaga gacagggaca gcagggggca gtatcacagc 600
aagttattca gcagg 615
```

```
<210> 2124
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(447)
<223> similar to gil736499 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2124
aacagaacga aattcgttcg ctcttacctg aagccagtga gccgattgat caagctgcac 60
aagaagatga agccattccc caggacgaac tggatgacaa aatcgccggt gaagcgggcg 120
tgcataaata tgttggttcc actggcgata cgctaagcag cattctcaat cagtatggta 180
ttgatatggg tgatatcacc caactggctg cggccgacaa agaattgcgt aacctgaaaa 240
tcggtcaaca actctcctgg acattaaccg cggacggcga actgcagcgc ctacacctggg 300
aagtgtctcg tcgtgaaacc cgaacctatg accgtactgc cgctaacggt tttaaaatga 360
ccagcgaaat gcagcaagga gagggggta acaatctgct gaaagggtacc gtcgggggaa 420
gctttgttgc cagcgccaga aacg 444
```

```
<210> 2125
<211> 521
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (295)...(399)
<223> similar to gil736450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2125
gcgaggaatt ccaagcccag agctgctctg cgcaagcgcg accgaccgag cagctccgag 60
```

gagtcgcgcc	ggaaacaaac	attccccagg	gcaatgtcac	gacttggtct	tcccaggagg	120
ccagtcagaa	acagtgtgct	agatgatgct	aaggcccgt	taagaaagta	tgatattgga	180
ggcaaatatt	ctcacttgcc	atataacaaa	tactccgtcc	ttttgccatt	ggtggctaaa	240
gaaggaaaac	tccatttggt	gttcaccgtc	cggtcagaga	agacagatac	attgataact	300
ccatttggtg	gtttaataga	ccacaacttc	caggcccagc	cgaatcctgc	tgaagttaag	360
gatgtattcc	tgggtgcctct	ggcctatttc	ctgcatccac	aggtccatga	ccagcattac	420
gtcacacgtc	ttggtcaccg	ttttattaat	catatctttg	agtacacaaa	ccctgaagac	480
ggtgtcactt	accagatcaa	gggaatgacg	gcaaaccctg	c		521

<210> 2126  
 <211> 996  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(997)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (120)...(900)  
 <223> similar to gi5596695 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2126	
ggggccnaat	cgagatcgta ggcagtgcgg nggaactcca aaccgcccac ccagccaggg 60
gcgaaggggac	agcagctcat cctcctgcct ccctgccctg cagggtcctg agaatggaag 120
agtttttccc	agagacctac cgcctggacc tcaaacacga gagagaggcc tttttcacct 180
tgtttgatga	aaccagata tggatctgca agcccacagc ctccaaccag ggcaaaggca 240
tcttcctgct	ccggaaccag gaggaagttg ccgcccctgca ggccaagacc cggagcatgg 300
aggacgaccc	catccaccac aagacgccgt tccggggggc tcaggcgcgg gtggtgcaga 360
ggtacatcca	gaacccgctg ctggtggacg ggagaaagtt tgacgtgcgc tcctacctgc 420
tcattgcctg	caccacaccc tacatgatct tctttggcca cggctatgct cgcctcacc 480
ttagccttta	cgacccccat tccagcgacc tccgcgcca cttgaccaac cagttcatgc 540
agaagaagag	ccctctgtac atgctgctga aggagcacac ggtgtggagc atggaacacc 600
tcaaccgcta	catcagtgc acgttctgga agggccgggg cctcgccaag gactgggtct 660
tcaccaccct	caagaagcgg atgcagcaga tcatggcca ctgctttctg gccgccaagc 720
ccaagctgga	ctgcaagctg ggttactttg acctcattgg ctgtgacttc ctgattgatg 780
acaacttcaa	ggtatggctg ctggagatga attctaacc agccctgcac accaactgcg 840
aggtcctgaa	ggaggtcatc ccaggtgtgg tcatcgagac cctggacctg gtgctcgaga 900
ccttccggaa	gagcctgcgc ggccagaaga tgttgccctc gctgtcccag cgccgcttcg 960
tgctcctgca	caacggtgag gccgacccgc ggccgc 996

<210> 2127  
 <211> 660

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(661)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (5)...(660)  
<223> similar to gi3986194 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2127  
ggatcagagt atggaggaga atcaggactt aaagaaggaa ctgctgaaat gtaaacaaga 60  
agccagaaac ttacagggga taaaggatgc cttgcagcag agattgactc agcaggacac 120  
atctgttctt cagctcaaac aagagctact gagggcaaag atggacaaag atgagctgca 180  
caaccagaat gtggatctgc agaggaagct agatgagagg aaccggctct tgggagaata 240  
taaaaaagag ctggggcgaga aggatcgctt tcttcagcag caccaggcca agttagaaga 300  
agcactccgg aaactctctg atgtcagtta ccaccagggtg gatctagagc gagagctaga 360  
acacaaagat gtcctcttgg ctactgttat gaaaagagag gcagatgagg cgaccaacta 420  
caacagtcac aactctcaaa gcaatggttt tctccttcca acggcaggaa aaggagctac 480  
ttcagtcagc aacagagggg ccagcgacct gcagcttggt cgagatgctc tccgcagcct 540  
gcgcaacagc ttcagtgggc acgatcctca gcaccacact attgacagct tggagcaggg 600  
catttctagc ctcattggagc gcctgcattg tatggagacg canaagaaaa aaaaaaaaaa 660

<210> 2128  
<211> 1839  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1840)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (814)...(1489)  
<223> similar to gi4850180 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2128  
ggaattcctg tgctcatggc ctgcatgacg ctgctgccca cctgggttggg aggcgctccc 60  
ccaggccctc ccggcccgga catctcctcg ccctgagggt cctataaccc ccactcccag 120  
ggcctggtca cctttgccac ccagctcttc aacttgctct cgggtgaggg ttacctgaa 180

tggccccctc	tcttctatgg	cttctacccg	ccccgcccac	gcctggcggt	cacctacctg	240
tgctgggcct	ttgccgttgg	cctcatctgc	ctcctgctca	tcctgcatcg	ctcgggtgtct	300
gggctgaagc	agacactgct	ggcggagtcc	gaggctctga	ccagctacag	ccaccgggtg	360
ttctcggcct	gggacttcgg	tctctgcggg	gacgtccacg	tgctggctgcg	ccagcgcac	420
atcttgtagc	aattaaaggt	ggagctggag	gagacagtgg	tgctggcgcca	ggctgcgggtg	480
cggacgctgg	gccagcaagc	caggggtttg	ttgggtgcggg	tgctgctcaa	cctgctggtg	540
gtcgcgctcc	tgggggagc	cttctatggc	gtctactggg	ctacgggggtg	caccgtggag	600
ctgcaggaga	tgcccttgt	ccaggagtgt	ccactgctga	agcttgggggt	gaattacctt	660
ccgtccatct	tcatcgctgg	ggtcaatttt	gtgctgccgc	ccgtgttcaa	gctcattgct	720
ccactggagg	gctacactcg	gagtcgccag	atcgttttta	tcctgctcag	gaccgtgttt	780
cttcgcctcg	cctccctggg	ggtcctgctc	ttctctctct	ggaatcagat	catttgtggg	840
ggcgactccg	aggctgagga	ctgcaaaacc	ngtggctaca	attacaaaca	acttccgtgc	900
tgggagactg	tcctgggcca	ggaaatgtac	aaacttctgc	tctttgatct	gctgactgtc	960
ttggcagtcg	cgtgctcat	ccagtttcct	agaaagctcc	tctgtggcct	ctgtcctggg	1020
gcgctgggtc	gtctggcggg	gacccaagag	ttccagggtg	ccgacgaggt	gctggggctc	1080
atctacgcgc	agacggtggg	ctgggtgggg	agttttttct	gccctttact	gccctgctt	1140
aacacggtca	agttcctgct	gcttttctac	ctgaagaagc	ttaccctctt	ctccacctgc	1200
tccccggctg	cccgacacct	ccgggcctcc	gcggcgcaatt	tctttttccc	cttgggtcctt	1260
ctcctgggtc	tggccatctc	cagcggtccc	ctgctttaca	gcatcttcct	gatccgcct	1320
tctaagcttt	gtggtccatt	ccgggggag	tcgtccatct	gggcccagat	ccctgagtct	1380
atttccagcc	tccttgagac	cacccagaat	ttcctcttct	tcctggggac	ccaggctttt	1440
gctgtgcccc	ttctgctgat	ctccagcatc	ctgatggcgt	acactgtggg	ctctggctaa	1500
ctcctacgga	cgcctcatct	ctgagctcaa	acgtcagaga	cagaacggaa	ggcgaggaa	1560
taaagtcttc	cgtggcacgg	cgcgctgtgg	cgtgacctc	caccaaaccg	gctctttgac	1620
ccccgcagcc	cacgtcccgc	tttcagaccc	caggcccat	tgtaagccta	ggtcacaaca	1680
atctgtaaac	taggagaact	ggagaagact	ccacgccctt	ccagctttgg	tatctggaga	1740
tttccagggc	ccctcgccgc	cacgtccctg	actctcggtg	gatcttcctt	gtatcaataa	1800
atacagccga	ggttgctgag	cgcgctttga	aaaaaaaa			1839

<210> 2129

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(273)

<223> similar to gi4589506 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2129

aatcgagatc	catagtcagt	gcggtggaat	tcctcacagg	aaattaggaa	tggctggcca	60
gaagttgggc	tcctccgctc	tcctgtgcta	catccgccct	gacactgccg	atccagcaag	120
tagcttttagc	ttgactgtag	ccaatgttgg	cacgtgccaa	gcagtccgtg	gccgaggtgg	180
gaagccagtg	cccctctcta	aagtcttcag	cctggagcag	gacccagagg	aggctcaaag	240
ggtgaaggac	caaaaagcca	tcatcacaga	ggttccggaa	gatctcaaag	agttccagac	300
cacagatatt	ccggtgcac	actgtaactt	cccggctgtt	ctcggctgcc	tttgtagcgc	360
ttctgttctc	ggtagctacg	cagggccagc	accacgctgg	cgccgtacat	gatcacgaga	420
agacaagcaa	aggtggctgc	tgctccgtcg	gtgcctgcca	gctggg		466



<210> 2130  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(466)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(134)  
 <223> similar to gi3005558 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2130  
 nttgatggcc cgccggcgga tgcctcgctc caactcccag gagaacgtgg aagcgtcccn 60  
 cccatcccag gatgggaaaa ggcagtacaa gatgatctgc cacgtcttcg agtctgagga 120  
 tgtaagggtt gcttcctttg atctcctttt gggttaggtt ctcttgactt ctcagaacct 180  
 gattcagtct aattcatcac acatgatgca tgtatttatt gtgcacgtac tgtgtgtcag 240  
 gcactgttcc agcactagag atataaggct gagtaaaaca gacagggtac tcatcgcaag 300  
 ggctgaaagg aggcagaaaa tcaataggta aatatactta atgtaaaatt gggtagtggg 360  
 gagtgctcca cagacaaata aaacagggtc aggggatgga gggacagggg ctatggaatt 420  
 ccaccacacg gactagggat catcgatctc aattnnntc cccca 465

<210> 2131  
 <211> 452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (294)...(401)  
 <223> similar to gil665767 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2131  
 acttctgcag ggccatcgga cctcagggtg gcagaagatg tggcctctct ggcctcttct 60  
 gcgccaggga ccctggcttc cccttggtgg ctgcccaagt tttctgactc tccaagcacc 120  
 actctgtagt ttaggtttgt ctaaagctca gttttggtgg caactgcact gtgccgcctc 180  
 cgcattgttt ctgtcgagtc tgtctgtgca gtgcttctgg ctacaagga gcctgagaag 240  
 tatctcctga attctcctcc ctggaatcac ccgcttgcta ttttcttctg caggatgtct 300

```

atgcctacac acaagttgga gttccagact gtagaatatt caccgtgaac cccaaggggtg 360
aattaataca agaaagaacc aaaggaaaca agtcatcgta agtacattct cagctctcag 420
cccggcgccc gaattccacc gcactgggct aa 452

```

```

<210> 2132
<211> 1641
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(1641)
<223> similar to gi3242705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

09480725 042100
<400> 2132
gcggccgctg ctcaactgacc tctaccaggc caccatggcg ttgggctatt ggcgcgcggg 60
ccgggcgcgg gacgcgcgcg agttcgagct cttcttccgc cgctgcccgt tcggcggcgc 120
cttcgccttg gccgcgggt tgcgcgactg tgtgcgcttc ctgcgcgcct tccgcctgcg 180
ggacgcgcag gtgcagttcc tggcctcggt gctgccccca gacacggatc ctgcgttctt 240
cgagcacctt cgggcccctg actgctccga ggtgacgggt cgagcccctg ccgagggctc 300
cctgccttc cccggagtgc cgctcctgca ggtgtccggg ccgctcctgg tgggtcagct 360
gctggagaca ccgctgctct gccagagaga gcggctgcta gagatgggca tgaggcgggc 420
gcggcttcgc ttgatcgag gccagagaga gcggctgcta gagatgggca tgaggcgggc 480
tcagggcccc gatggggggc tgacagcctc cacctacagc tacctgggcg gcttcgacag 540
cagcagcaac gtgctagcgg gccagctgcg aggtgtgccc gcggccggga ccctggcccc 600
ctccttcgtc acttcctttt caggcagcga ggtgccccct gacccgatgt tggcgccagc 660
agctggtgag ggccctgggg tggacctggc ggccaaagcc cagggtgtggc tggagcaggt 720
gtgtgcccac ctggggctgg gggtcagga gccgcatcca ggcgagcggg cagcctttgt 780
ggcctatgcc ttggcttttc cccgggcctt ccagggcctc ctggacacct acagcgtgtg 840
gaggagtggg tcccccaact tctagcagt cgccttggcc ctgggagagc tgggctaccg 900
ggcagtgggc gtgaggctgg acagtgtgta cctgctacag caggctcagg agatccgcaa 960
ggtcttccga gctgctgcag ccaggttcca ggtgccctgg ctggagtcag tcctcatcgt 1020
agtcagcaac aacattgacg aggaggcgct ggcccagact gccagaggag gcagtgaggt 1080
gaatgtcatt ggcattggca ccagtgtggt cacctgcccc caacagcctt ccctgggtgg 1140
cgtctataag ctggtggccg tggggggcca gccacgaatg aagctgaccg aggaccccca 1200
gaagcagacg ttgcctggga gcaaggctgc tttccggctc ctgggctctg acgggtctcc 1260
actcatggac atgctgcagt tagcagaaga gccagtgcc caggctgggc aggagctgag 1320
ggtgtggcct ccaggggccc aggagccctg caccgtgagg ccagcccagg tggagccact 1380
actgcggctc tgcctccagc agggacagct gtgtgagccg ctcccatccc tggcagagtc 1440
tagagccttg gccagctgt cctgagcgg actcagccct gagcacaggc ggctgcggag 1500
ccctgcacag taccaggtgg tgctgtccga gaggctgcag gccctggtga acagtctgtg 1560
tgcggggcag tccccctgag actcggagcg gggctgactg gaaacaacac gaatcactca 1620
cttttcccca caaaaaaaaa a 1641

```

<210> 2133

<211> 1279  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(1143)  
 <223> similar to gil657835 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2133  
 aatagtcgac cgttgtggaa ttccactgaa agaagctgag agcctacaag ttgcagtga 60  
 ggcttcacag atgggcgcg tgagtcaatc atgtgaggac agttgtggag actctgtctt 120  
 ggcggacaca ctcatgtctc atgatgtacc aggatcaccc actgcctcat tagtcacagg 180  
 agggagagaa ggaagaggct gttcggatgt ggatcccggg atccagggtg tggtaaccga 240  
 cttggccgct tctgatgcag gggagaaggt ggaatgtaga aattttccag gttcttcaca 300  
 atcagagatt atacaagcca tacagaattt aaccgcgtct ttatacagcc ttcaggccgc 360  
 cttgaccatt caggacagcc acattgagat ccacaggctg gttctccagc agcaggaggg 420  
 cctgtctctc ggccactcta tcctccgagg cggccccttg caggaccaga agtctcgcga 480  
 cgcggacagg cagcatgagg agctggccaa tgtgcaccag cttcagcacc agctccagca 540  
 ggagcagcgg cgctggctgc gcagggtgtg gcagcagcag cgggcgcagg cgaccaggga 600  
 gagctggctg caggagcggg agcgggagtg ccagtcgcag gaggagctgc tgctgcggag 660  
 ccggggcgag ctggacctcc agctccagga gtaccagcac agcctggagc ggctgaggga 720  
 gggccagcgc ctggtggaga gggagcaggc gaggatgcgg gcccagcaga gcctgctggg 780  
 ccactggaag cacggccggc agaggagcct gcccgcggtg ctcttccgg gtggccccga 840  
 ggtaattgaa cttaatcgat ctgagagttt atgtcatgaa aactcattct tcatcaatga 900  
 agcttttagta caaatgtcat ttaacacttt caacaaactg aatccatcag ttatccatca 960  
 ggatgccact taccctacaa ctcaatctca ttctgacttg gtgaggacta gtgaacatca 1020  
 agtagacctc aagggtggacc cttctcagcc ttctgaatgtc agtcacaaac tgtggacagc 1080  
 cgctggttcc ggccatcaga tacttccctt ccatgaaagc agcaaggact cttgtaaaaa 1140  
 tggtaattaa cactttaaac atcatctgta tagtttgaac aagaagttgt ccctctgaat 1200  
 ggttggctct tgtgtagagt gaatcaaagt cctccctagc atgggaataa atcgggtactg 1260  
 atgagctgga aaaaaaaaaa 1279

<210> 2134  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (63)...(188)  
 <223> similar to gil780991 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2134  
 ggcggaattc aaaagcaatg cacaggctct cctgtgacgg gccgctactc tctctgcct 60

```

cagtgggacg gtcagccacc catgccctgg tccaggccca gctgatctgc tcaggagcca 120
ggcggggcat gcacgctttt attgtgccaa tccggagtct tcaggaccac accccactgc 180
caggtaagcc cataatgctc cctcaaggaa ccctgccagg aggagagccc aggtggcctc 240
cctgacctgg ggccccagag ggccacagga gtagctaaga catgtctccc ttgggcaggg 300
agcggtccag ttggacagac ttgggtgctaa ctggctaggt gaacttgagc aagatttagc 360
atctttctga cctcagcttg ttcacctgca aaatagggtac aataatccca gtgtcacagg 420
ctgct 425

```

```

<210> 2135
<211> 681
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(146)
<223> similar to gi4589634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2135
caaccagatt ggatctgggt cctcgctgtt tggaacggca gcagctatta aaggagatac 60
aggcgctgct aagacttctg atgatatcag tttaagtgtg ggccaaagtt atagtctttg 120
taaggaagga agtgaagaac aaggtaagag cggtataact taccatgatg tcatatactg 180
tggtgaccag agttaatttg tagaatatgc tgcatacaat ttggcagaag ttataataca 240
tttaatatga tatttaagga aacattaaca taaaatgtta tggatgtagt agtaatacag 300
agttacacat gcttttagct tacttgaact cagttataca tgttctgcca gataaacatg 360
gagagagaaa ttctatgagc atatgccccg gagtgaatat gagatgggag ataagaatct 420
gctattcttt tagttggtca gaccaactag cccagcttag ggataaccta gtatgtaaaa 480
ctgttacttt ccattcagta cgatctctaa atgccagctg cttcatctct tgccaactgc 540
aaaaacagca ataagttttg acatagtgtc ttagtccatg tgcattgcta taaagaaata 600
cctgagattg ggtgccttgt acttgggtgc ttttttgtaa ttacagtacc ctatcattgg 660
ttctttgctt ctgtggactg g 681

```

```

<210> 2136
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> similar to gi4406218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2136
ggacatggac atatcctggg gggaacaaaa aatggagaga ttctggaaat tgataagagt    60
ggcccaatga cactgcttgt tcaggggcac atggaaggag aagtgtgggg gttggcagct    120
caccctctcc tgcccatctg tgcaacagtg agcgatgata aaacacttcg catctgggaa    180
ctatctgccc agcaccgtat gctggcagta cggaaactca aaaaagggtg aagatgctgt    240
gccttttccc ctgatgggaa agccttatcg gttggcttga acgatgggag tttcctgggt    300
gtaaatgctg acactgttga agacatggtc tctttccatc acagaaaaga aatgatctct    360
gatattaagt tttcaaaaaga tacgggaaaa taccttgccg tggc                                404

```

```

<210> 2137
<211> 1352
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(825)
<223> similar to gi5689485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2137
aaatgttgct atttacagga aaatttgaat tctcatgttc tgattctttc tctgcaactt    60
tctaaagctg agagtaagtt cagagtcctc gaaactgagc tccattacac aggagaggct    120
ctgaaagaaa aggcttttgt ttttgaacac gtgcaaagtg agctaaagca aaaacagagt    180
caaatgaagg acattgaaaa aatgtacaaa agtggatata atacaatgga aaaatgcata    240
gaaaagcagg aaagattttg tcaactaaaa aaacaaaaata tgttgcttca acagcaactg    300
gatgatgctc gcaacaaaagc tgacaatcaa gaaaaagcaa tacttaatat tcaagccaga    360
tgtgatgcta gagtacaaaa ccttcaagct gagtgcagaa agcaccgtct tttactagaa    420
gaagacaata aaatgttggt caatgaactg aatcattcga aagaaaaaga atgccaatat    480
gaaaaagaga aagcagaaaag agaagtagct gtgagacagc ttcaacaaaa acgagatgat    540
gtcttaaaca aaggatcagc aacaaaagct ctgctggatg cttcatcgcg tcaactgcacc    600
tatttagaaa atgggatgca ggattcaagg aagaaattag accagatgag aagtcaattt    660
caagaaatac aggatcaact tacagctact ataagatgta ctaaggagat ggaaggcgac    720
acacaaaagc ttgaagtaga acatgtgatg atgagaaaaa ttattaaaaa acaggatgac    780
caaattgagc ggcttgagaa aatcctgcag cattcaagtt tgatgctgca ggtgtttgag    840
agctagatga aggtatgttg ccaaaattta tgaattaaat tcaaatcatt gatttctgaa    900
ataaactcta agtagtgaac ggtattccct ctcaattgct tgggttaataa atgctacatt    960
aaatattttt tcttacacac atctagtgaag agatgtgaaa acataaacat tcatagtgaag   1020
gggtatactt atgcttttgt aattcatcat gtttcatagc tttaaaaaaa tcgcaagaaa   1080
tctgtgtatc cctttttttc tggccctaca ctttcttctc gccaccctta tagaactgtc   1140
agcctgcaca ctgaaactgt tctcagaaaa caaaggcatc atcaacttct caagggttaag   1200
gtagtgatgt aaggctaaca gacccacacac tcatgtgata ataattagtt aagcaattac   1260
aggtcacaaag cagtcaactg tccagtgaca ttttaaattct ctagtcatga ctttgtcatt   1320
ggtttacttt tgcccctggg aaaagttgaa aa                                1352

```

<210> 2138  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(88)  
 <223> similar to gi2852125 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2138  
 ttccagccat gaatgtcaat gactcagtca ccaaacagaa atttgacaac ctctactgtt 60  
 gccgtgaatc aattccttgat gggtaatgtt tattatcttt gagatgaagt tgtgatgtcc 120  
 agttgagatt ctaagttttt tggcttttgt tatttctgga aaggattcat gtagcacctc 180  
 tggataatgt ctccataaag ccagagcttt gtcacctcgt aaattaaaaat tacattatct 240  
 ttatttttctc ctttgtatct tttctatttc taaatattat attttcaaaa tattatctaa 300  
 taaatgtatg ttgctttttat gttta 325

<210> 2139  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(531)  
 <223> similar to gi3717260 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2139  
 aaggaaagtg gaacaagcta aaggtcttgg tttccaaaga tctacatttg cttgaggaaa 60  
 ttgctctcac actcagagct tttgaggccg attcaacagt cattgagaag tggatggatg 120  
 gcgtgaaaga cttcttaatg aaacagcagg ctgcccaagg agacgacgca ggtctacaga 180  
 ggcagttaga ccagtgtctt gcattttgta atgaaataga aacaattgaa tcatctctga 240  
 aaaacatgaa ggaaatagag actaatcttc gaagtgggtcc agttgctgga ataaaaactt 300  
 ggggtgcagac aagactaggt gactaccaa ctcaactgga gaaacttagc aaggagatcg 360  
 ctactcaaaa aagtaggttg tctgaaagtc aagaaaaagc tgcgaacctg aagaaagact 420  
 tggcagagat gcaggaatgg atgacccagg ccgaggaaga atatttgag cgggattttg 480  
 agtacaagtc accagaagag cttgagagtg ctgtggaaga gatgaagggt aggcggggac 540  
 gaccagtgcc aacaggcttc atgcctccct cctcccttta aaaccagcac atcaatcatc 600  
 tgtctatctg tcaaacacta tgtgcatgta gcatctttca cagtaggttt ttgaattaaa 660  
 aaaacataac aggttatt 678

<210> 2140  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(99)  
 <223> similar to gil665779 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2140  
 cacctgtgtc acaaggctct cctgctagtt ctggaatagg cagtccaatg gcatcttcaa 60  
 caataaccaa aatccacagc aaaagattta gagagtaagt ttatatactca ttattgaggt 120  
 tgaatagttt aaggatcttg attgtagttc tgaatttagt attgtcattg ttactcagtg 180  
 agtcaagcag acaaaagacc agagatcttt aacgcctttc ggattttgtt taacagctgg 240  
 gtttattatt taaagcattg ccttctgtca gctgttagta ttcacgtgag agtgatctga 300  
 cagtaagtat attctcttta tatcagatag tatttctatt ctagaaatct agactcttaa 360  
 tatcttatat attaaatggt gtactatcag ttttctcct acaaagctt ttgctttttt 420  
 gtttatatta ttggcccttc aaaagatcac tctaaccaat taatagggtt ctaagaccct 480  
 attatatgaa gtgaacctat tacataaagc tatttgtgca agtatttcta agttcttaaa 540  
 ttgagataac tggggggatc acagaatatg ataccccatc tgtgaatagc tttaacagtt 600  
 attgctgtga aggattttta gatttttaaca tttatgttga tgaattaatt ttacctttaa 660  
 aatgacata tgaaagaatc ccagggtgaa agtataatct atgtgagg 708

<210> 2141  
 <211> 2414  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1572)  
 <223> similar to gi2655888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2141  
 ttctggtaca agtacacgta catggaggaa atgttgggaa acgttgccgg tgcccggcag 60  
 gtgtttgagc gctggatgga gtggcagcct gaggagcaag cctggcactc ctacatcaac 120  
 tttgagctga gatacaaga ggtggatcgg gccgcacca tttatgagcg atttgcctc 180  
 gtgcaccctg atgttaagaa ctggatcaag tatgcccgct ttgaagaaaa acatgcttat 240  
 tttgcccatg cacggaaagt gtatgagaga gctgtggaat tctttggaga tgaacatatg 300  
 gatgagcacc tttatgttgc ctttgccaag tttgaagaaa atcagaaaga gtttgaaagg 360  
 gtacgagtga tttacaagta tgccctggac agaatttcaa aacaagatgc ccaagaactc 420  
 tttaaaaatt ataccatctt tgagaagaag tttggtgata ggccgggtat tgaagatatc 480  
 attgtgagca aacgggagatt ccagtagcaa gaagaagtga aggcgaatcc acacaattat 540

09489725.012100

```
gatgcatggt ttgattactt gcgcttggtg gaaagtgcag cagaagctga agccgtgaga 600
gaagtctatg aaagggccat tgccaatgtc ccacccattc aggagaagag gcaactggaag 660
cgctacatctt atcttttgat caactatgca ctctatgaag aattggaggc aaaggatcct 720
gagaggacaa gacaggtgta tcaagcctct ttggaactaa ttcctcaca aaagttcaca 780
tttgccaaaa tgtggatact gtatgcacag tttgaaatac gacagaagaa tctgtcatta 840
gccagaagag cattgggaac ttccataggc aaatgtccaa agaacaaatt atttaaagtt 900
tacatagaat tggagctaca gcttcgagaa tttgacagat gccggaagct ttatgaaaag 960
ttcctggaat ttggacctga aaattgtacc tcatggatta aattcgctga attagagaca 1020
atccttggtg atattgacag agcacgggca atctatgaat tagccatcag tcagccacgt 1080
ttagacatgc cagaggtgct ttggaaatca tatattgatt ttgaaattga gcaggaagaa 1140
acagaaagaa cacgaaacct ttaccggcgg ttgcttcaac ggacgcagca tgtcaaggta 1200
tggatcagct ttgctcagtt tgagttgtct tcaggaaaag aagggaagttt gactaaatgc 1260
agacaaaatt atgaagaagc taacaaaacc atgcgaaact gtgaagaaaa ggaagagaga 1320
cttatgctgc tgggaatcttg gcgaagtttt gaagaagaat ttggaacagc ttcagataag 1380
gagagagtag acaaaactcat gccagagaaa gtcaagaaga gaagaaaggt ccagactgat 1440
gatgggtctg atgcaggctg ggaagaatac tttgattaca tctttccaga agatgctgcc 1500
aaccaacctt acctcaaact cctggccatg gccaaactgt ggaagaaaca gcagcaggaa 1560
aaggaggatg ctgagcacca tccagatgag gacgtcgatg agagtgaatc ctgatctttt 1620
tttcatagac aaatgttttg ttatttttat aaattaattg tttggaactc ttgtgactcc 1680
tgggaagttct tatatatctt accagtaaga aattgattgg tatctttgat ggctactttt 1740
taagttatct tttaaatgct cttgggttag ctaggggtag ggattgcaag taaaggactt 1800
ttttaactgc tggatttggt tttccaactg agtccaaact tttctaattg ctgtccacat 1860
catgcattag gaaatgtaat taaggtaaca ttctacagtt acttttcatg tcatacccat 1920
aaagatagtt tatgcattca tctgaaatgt gtaacttttt catgtcttca gagtcacaga 1980
cttgagttca tttcccagct ctgccactca tgattatata acttaatttt cattttcctc 2040
attcacaata tgggccaata gtttgacagc tcattttgaa gattacatta taaaaggaat 2100
atacctggtg ggtgcatagt aagtgtctag taaattgttt gttctaagcc acttttataa 2160
atggtttcat tccttgtaga attgaatgcg agtggattaa taatttacct tactttctta 2220
ctagtgtcca gttatattgt tttttagaac aacacttgga aaataatttg cagtgattat 2280
atttctgaac aaggttcaga aaacattggt tactaagaat ttagtctaata aatttcagtt 2340
aggcgctcat cagttctcca gagtgggtga gtttgtaata ctttgtttaa agaataatgg 2400
cttggtcacg tgtg 2414
```

```
<210> 2142
<211> 1050
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (570)...(1053)
<223> similar to gil009337 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2142
gttgccctgtg cccctggagt ctgtaaaaga gatgcttaag tcagtcatgc aggaactcga 60
agactatagt gaaggagggtc ctctctataa aaatgggttct ttgcgaaatg cagattcaga 120
aataaaacat tctacacat ctctaccaa atattcacta tcaccaagta aaagttacaa 180
ggtaaacagg aaagaatggg aatcatttca ttgtgaaatt gtttctaagt gttttaaatg 240
ctcttttgtt atttttatct ttttttttag gtatttctcc aaaacaccac ctcgatgggg 300
```



```
gcagaaggat caggaattct ttacggaaaa tgatttgcca agaagtaaag gccattacga 360
aactaaatag cagtaagtca gcatcccgtc atcgttggcc cacagagaat tatggaccag 420
actcggtgcc tgatggatat caggggtcac agacatttca tggggctcca ctaacagttg 480
caactactgg cccttcagta tattatagtc agtcaccagc atataattcc cagtatcttc 540
tcagaccagc agctaattgtt actcccacaa aggggttcttc taatacagaa ttttaagtcaa 600
ccaaagaagg attttccatc gctgtgtctg ctgatggatt taaatttggc atttcggaac 660
caggaaatca agaaaagaaa agtgaaaagc ctcttgaaaa tgatactggc ttccaggctc 720
aggatattag tggccagaag aatggccgtg gtgtgatttt tggccaaaca agtagcactt 780
ttacatttgc agatgttgca aaatcaactt caggagaagg atttcagttt ggcaaaaaag 840
acccaattt caagggattt tcagggtgctg gagaaaaatt attctcatca caatgcggtg 900
aaatggccaa taaagcaaac acttccggtg actttgagaa agatgatgat gcctataaga 960
ctgaggacag cgatgacatc cattttgaac cagtagttca aatgcccga aaagtagaac 1020
ttgtaacagg agaagaagat gaaaaagttc 1050
```

```
<210> 2143
<211> 1302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(1264)
<223> similar to gi294543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2143
cgggcacatt gtaccttgag aacctttgac gccacccttg gcacgagggc tgagtctgtt 60
acggaagttg agatttttgg taaagcaact tcaattgacc caaataccta catcacttgg 120
attgataaat accaggccca gcttgtgggt ttgtcagccc agatagcctg gtctgagaac 180
gtggagaccg cactgagcag catgggcgga ggtggagatg ccgcgccctt gcaactctgtg 240
ctgagcaatg tggaggtcac cctcaatgtg ttagcagact ctgtcctcat ggagcagccc 300
ccactccgaa ggcggaagct agaacacttg attacagagt tggttcacca gagagatgtt 360
acaaggtcct tgatcaaaaag caagattgac aacgccaaat cttttgaatg gctcagccag 420
atgcgatttt actttgaccc taagcaaact gatgtgttac agcagttgtc aattcaaagt 480
gcaaatgcc aatttaacta tggctttgag tacctgggtg ttcaggacaa actggtccag 540
acccccctca ctgaccgtg ctatttgaca atgacacaag ccttggaggc caggctgggg 600
ggttccccat ttggacctgc tggaaactggg aaaacagagt ctgtcaaagc tcttggccat 660
cagcttggac ggtttgtttt agtttttaac tgtgatgaaa cctttgattt ccaggcaatg 720
ggccggatct ttgtgggcct ttgccagggt ggtgcctggg gctgctttga cgagttcaac 780
cgcttgagg agcggatgct ctcggtgtg tcccagcagg tgcagtgcac acaggaagca 840
ctgcgtgaac attccaaccc caactacgac aagacctctg ccccatcattac ttgtgagctg 900
ctgaacaaac aagtcaaggt gagcccgac atggccatct tcatcaccat gaacctggc 960
tacgcgggcc ggtctaacct tcctgacaac ttgaagaagc tgttccggag cttggccatg 1020
accaagccc accggcagtt aatcgcccag gtcattgctg actcacaggg tttccgact 1080
gctgaagtgc ttgccaacaa aatcgctccg ttttttaaac tatgcgatga gcagctctct 1140
tcccaaagcc attatgactt cgggtcttcgg gctttgaaga gtgtgctggt gagtgcaggc 1200
aatgtgaaga gagagagaat ccagaagata aagagggaga aagaggaacg aggggaagca 1260
atgactattt tgtagtacac atgaagcaca aggggaaaga aa 1302
```

<210> 2144  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (36)...(578)  
 <223> similar to gi3540281 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2144  
 ttccgggtcg acccacgcgt ccgcccacgc gttcgggttg tggctttttt ggccaaggag 60  
 cagaaggaag attacttgcc tgttctcagg gtggtcagtg ttaccatcca tactgtgtca 120  
 gtattaagat cactaaagtg gttcttagca aagggttgag gtgtcttgag tgcactgtgt 180  
 gtgaggcctg tgggaaggca actgacccag gaagactcct gctgtgtgat gactgtgaca 240  
 taagttatca cacctactgc ctagaccctc cattgcagac agttcccaaa ggaggctgga 300  
 agtgcaaatg gtgtgttttg tgcagacact gtggagcaac atctgcagggt ctaagatgtg 360  
 aatggcagaa caattacaca cagtgcgctc cttgtgcaag cttatcttcc tgtccagtct 420  
 gctatcgaaa ctatagagaa gaagatctta ttctgcaatg tagacaatgt gatagatgga 480  
 tgcattgcagt ttgtcagaac ttaaatactg aggaagaagt ggaaaatgta gcacacattg 540  
 gttttgattg tagcatgtgc agaccctata tgcctgcgtc taatgtgcct tcctcagact 600  
 gctgtgaatc ttcacttgta gcacaaattg tc 632

<210> 2145  
 <211> 821  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (260)...(712)  
 <223> similar to gi5901834 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2145  
 ataattagta catgccaaaa ttcattgattt tccatttaga gatgcacaag agtggttgat 60  
 acaagtaat agtacttaca gtacacgggt atgggtacgg cagaaaccac agaagtggta 120  
 cacaaaagat caaagcttag gaaacactgt tgggcctttg attatgagaa gctctgcagt 180  
 tgataacaag tttattttta atggttggtg tctgaaatta aaacttttat atacatattt 240  
 tattctagat gattttttcc cctctgtcac tgtgctgggc cggggaatgt ctggaagact 300  
 tgcttgggca caacagcttt gtcttttacc cagaggagca aaagcaaadc agaagctttt 360  
 tgtacctgaa cctcgcccag ttcttaaaaa tgacgttgga tttaaatatt ctgtgaaaca 420  
 tcggccattt cctgaagagg tggacaagat tccttttgtg aaagcagatc tcagcattcc 480

```

agatttgcac gaaatagtca ctgaagaatt agaagagaga cacgaaaaat taaggagtgg 540
catggcccag cagattgctt atgaaataca ccttgagcaa cagagtgagg aggaattgca 600
gaagagaagt ttctctgacc cagttacgga ttgcaagccc ccgcctcctg cccaggaatt 660
ccaaacagcc cgcctttttc tctcacactt tggatttttg tccttagaag cactgaaggt 720
aattttcatg aacttttatg aataaatata ttcacaagtt aacattcagc tgacaatagc 780
taaaatattt ttatcaggat agaagcgaat taaaaaaaaa a 821

```

```

<210> 2146
<211> 608
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (50)...(610)
<223> similar to gi3451312 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2146
ctgcgggacc ctcattcttg aggcccgggc ctatgtggga ccgcacgtcc tggcagtggc 60
gaccgcgaca gggttctgca cggcaaaagg gggcctggtg agctccatct tgcacccccg 120
gcccataaac ttcaagttct ataaacacag catgaagttt gtggctgccc tctctgtcct 180
ggctctcctc ggcacatct acagcatctt catcctctac cgaaaccggg tgcctctgaa 240
tgagattgta atccgggctc tcgacctggt gaccgtggtg gtgccacctg ccctgcctgc 300
tgccatgact gtgtgcacgc tctacgcccc gagccgactg cggagacagg gcattttctg 360
catccaccca ctgcgcatca acctgggggg caagctgcag ctggtgtggt tcgacaagac 420
gggcaccctc actgaggacg gcttagacgt gatgggggtg gtgcccctga aggggcaggc 480
attcctgccc ctggtcccag agcctcgccg cctgcctgtg gggcccctgc tccgagcact 540
ggccacctgc catgccctca gccggctcca ggacaccccc gtgggcgacc ccatggactt 600
gaagatgt 608

```

```

<210> 2147
<211> 749
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> similar to gi2239242 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2147

```

tacatcaact	atcgcgacag	caagctcacc	cggctcctga	aggactctct	gggaggaaac	60
agccgcacag	tgatgatcgc	tcacatcagt	cctgcgagca	gtgccttcga	ggagtcccgg	120
aacaccctga	cctacgccgg	ccgggccaag	aacattaaga	ctaggggtgaa	gcagaacctc	180
ctgaacgtct	cctaccacat	cgcccagtac	accagcatca	tcgctgacct	gcggggcgag	240
atccagcgac	tcaagcgcaa	gattgatgag	cagactgggc	ggggccaggc	ccggggccgg	300
caggatcggg	gtgacatccg	ccacatccaa	gctgaggtcc	agctgcacag	cgggcagggt	360
gagaaggctg	gcatgggaca	gcttcgggag	cagctcgcca	gcgccttcca	ggagcagatg	420
gatgtgcgga	ggcgcctgct	ggagctggag	aaccgcgcca	tggaggtcca	gattgacacc	480
tcccgcacac	tgctcaccat	cgccggctgg	aagcacgaga	agtcccgccg	ggccctcaaa	540
tggcgggagg	agcagcgaaa	ggagtgtctac	gctaaggacg	acagcgagaa	ggactcagac	600
acaggtgatg	accaaccaga	catcctggag	ccacccgagg	tggccgcagc	ccgggagagc	660
attgcagccc	tggtggacga	gcagaagcaa	ctgcgcaagc	agaaggtgtc	cagggtttgg	720
ggggacaagg	agagtgggtt	taggggact				749

<210> 2148  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (218)...(656)  
 <223> similar to gi2224703 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2148	
tgcttggcac	gaggcaatth
taaaaaagaa	aaaagaatth
catagctgtg	tgccctgtca
60	
cccccttcag	gcaaataaaa
gaaatctgtc	cacatgaggg
tgccctccctc	tttcaaggca
120	
ccctcccat	cttgacccaa
gtcagtagag	cttctcacac
cctgtacccc	atgtctgtctg
180	
ctcaccagtt	gcttgtgtga
cttgcgctg	ctctttgcag
ctcctcaagt	tcacccaga
240	
gaagagtgtg	attgacctcc
tggaggagca	caagcatgaa
attgagcgga	tggcccgtgc
300	
tgaccgcttc	ctctatgaaa
tgagcagggt	gggccatggg
catggtgggg	attcaagcag
360	
gtgggggttct	ggcaggtggg
gcaggtgggg	ctctgccaag
aggaagggga	tggaggtggg
420	
caggcttgag	aggagactgg
agctggctcc	gggagctggg
gctggccagg	ataggggtgg
480	
gatacctcaa	tatatggttc
accttgtcta	caggattgac
cactaccagc	agcgactgca
540	
agccctcttc	ttcaagaaga
aattccagga	gcggtctggc
gaggcaaagc	ccaaagtgga
600	
aggtagggct	gaggggttgc
ggagggcttag	agtgcagact
tatctgagaa	aggcagcggtg
660	
gctgggagcc	agtgaatagg
ggcagaggga	aaccaaattc
ttattctcaa	cccaaaaaca
720	
aaaacaaaa	
729	

<210> 2149  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>

<221> misc\_feature  
 <222> (292)...(847)  
 <223> similar to gi2280485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2149  
 ctatctgggc actggccact gtggctttgt attcctctaa cgtggctgcc aaggctgctt 60  
 ttccctttctg ctcagactca ataattcgct ccatatggtg actgcgttct ttgagtgtccc 120  
 ctatcatttc ttgagcttcc ttattgtctt gttctgccat tttcaaagta ttgcttaaat 180  
 gctgctggac accaagaagc tgctcccgtt caaaacgggc attctcagcg aggtccatgt 240  
 aacgttgctc taattccata tagcgcccac tttttacatc ttcattctatg acagattgaa 300  
 tacttccgct ctcttctaga tgagcatcac atttcttatg tcatagatga agatgtaaaa 360  
 agtgggcgct atatggaatt agagcaacgt tacatggacc tcgctgagaa tgcccgtttt 420  
 gaacgggagc agcttcttgg tgtccagcag catttaagca atactttgaa aatggcagaa 480  
 caagacaata aggaagctca agaaatgata ggggcactca aagaacgcag tcaccatatg 540  
 gagcgaatta ttgagtctga gcagaaagga aaagcagcct tggcagccac gttagaggaa 600  
 tacaaagcca cagtggccag tgaccagata gagatgaatc gcctgaaggc tcagctggag 660  
 aatgaaaagc agaaagtggc agagctgtat tctatccata actctggaga caaatctgat 720  
 attcaggacc tcctggagag tgtcaggctg gacaaagaaa aagcagagac tttggctagt 780  
 agcttgccagg aagatctggc tcatacccga aatgatgcc aatcgattaca ggatgccatt 840  
 gctaaaggta gaggatga 858

<210> 2150  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (70)...(570)  
 <223> similar to gi4101751 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2150  
 ccgacttcta gcaaaaacca ttactctttt ttttcttttg gcattactaa actctcagat 60  
 tgggttttcc ttgagttccc tttagacaat cctcccagg ttggaagtgt tcctgtcaca 120  
 atcaaagtct tagatgtgaa tgacaatgct ccagagttcc ccagattcta tgaagctttt 180  
 gtctgtgaga acgccaaggc aggacagctg atccagacag tgagtgcggt ggaccaagat 240  
 gacccacgca atggtcagca tttctactac agcttggtc ctgaggctgc taacaacccc 300  
 aactttacca taagggacaa ccaagataac acagcacgga ttctaaccag gaggtctggt 360  
 ttccggcagc aggagcagag tgtctttcac ctgcctatcc tgatagcaga tagcgggcag 420  
 cccgtgctga gcagcacagg cacactgacc atccaagtgt gcagctgtaa tgacgacggc 480  
 caggtcatgt cctgcagccc agaggcctac atgctcccag tcagtttgag ccggggcgcc 540  
 ctcattgcca tcctgcctg catcttttg 569

09483725.012100

<210> 2151  
<211> 371  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(369)  
<223> similar to gi3980007 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2151  
caggaacata tcataaaaaa gttaatttaa gaaaataaga agcatcagga gctcttcgta 60  
gacatttggt cagaaaaaga caatttaaga gaagaactaa agaaaagaac agaaactgag 120  
aagcagcata tgaacacaat taaacagtta gaatcaagaa tagaagaact taataaagaa 180  
gttaaagctt ccagagatca actaatagct caagacgtta cagctaaaaa tgcagttcag 240  
cagttacaca aagagatggc ccaacggatg gaacaggcca acaagaaatg tgaagaggca 300  
cgccaagaaa aagaagcaat ggtaatgaaa tatgtaagag gtgagaagga atctttagat 360  
cttcgaaagg a 371

<210> 2152  
<211> 800  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (3)...(797)  
<223> similar to gi2852363 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2152  
attttggtgt ggatccctat tctggagtc taaagtcaaa tgtctcattt gatagagagc 60  
agcagagttc ctacactttt gatgtcaaag ccactgatgg aggacaacca cctcgttcct 120  
ctactgcaaa agtaactatc aacgtcatgg atgtcaatga caacagccca gttgtcattt 180  
ctccaccgtc taatacttcc ttttaagttgg tgccctctc agccattcct ggctccgtgg 240  
tagcagaagt ttttgacgtg gatgttgaca ctgggaatgaa cgctgaacta aagtatacta 300  
tagtgagtgg aaacaataaa ggcttattcc ggattgatcc agtaacagggt aacattactc 360  
tggaagaaaa accagcacct actgatgtgg gattgcatcg tttggtggtc aacataagtg 420  
acctggggta ccctaagtct ttgcacacgc ttgtgcttgt attcctttat gttaacgaca 480  
ctgctggaaa tgcctcctat atctatgact tgatccgcag gactatggag accccggttg 540  
acaggaacat aggggatagt agccaaccct atcaaaatga ggactatcta accatcatga 600  
ttgccatcat cgccggtgcc atgggtggtca ttgttgtgat cttcgtcacc gttctggtgc 660  
gctgtcgcca tgcataagg ttcaaagcag ctgagaggag caagcaagggt gccgaatgga 720  
tgtcccaaaa ccaggagaac aagcaaaaca agaaaaagaa aagaaagaaa aggaagtctc 780

ccaaaagctc tcttttgaac

800

<210> 2153  
<211> 399  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2)...(401)  
<223> similar to gil842429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2153  
agcacgctac cgctttaccc tcagcgccag gacgcagggtg ggctctgggg aagccgtcac 60  
agaggagtca ccagcacccc cgaatgaagc tactccaacc gcagctcctc ccacattgcc 120  
cccgactacc gtgggtgcga cgggcgctgt gagcagtacc gatgctactg ccattgctgc 180  
caccaccgaa gccacaacag tccccatcat cccaactgtc gcacctacca ccatggccac 240  
caccaccacc gtcgccacaa ctactacaac cactgctgcc gccaccacca ccacggagag 300  
tcctcccacc accacctccg ggactaagat acacgaatcc gccctgatg agcagtccat 360  
atggaacgtc acggtgctcc ccaacagtaa atgggccaa 399

<210> 2154  
<211> 667  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(668)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (3)...(463)  
<223> similar to gi51553 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2154  
tacacttgaa gaggagcac aaagaagaaa ttgaaaacct gcaggcacag tttgaacttc 60  
gggcatttca tatccggggc gagcatgcaa tgataacagc gagactagaa gaaaccattg 120  
aaaatctgaa acacgagcta gaacacagat ggcgaggggg ttgtgaagag aggaaagatg 180  
tgtgcatttc caccgatgat gactgccctc caaagacctt cagaaatgtg tgcgtccaga 240

```

cagacagaga gaccttcctc aagccctgtg aaagtgaaag caagacaacc agaagtaatc 300
aattagtacc caaaaagctg aatatctcct ctttaagcca gctctcacc ccaaatgacc 360
acaaagacat ccatgcagca ctccagccaa tggagggcat ggcacaaat cagcagaagg 420
cattgcctcc gcctcccgc tccatccctc ccctgcccct cnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnng gggggggaaa ttaaaagaaa aaggattttt tgtggggggg tggcgacaaa 540
agggtttttt tattagtcac caaaaattgaa aacttggggg ccggtttaaa aaacagggga 600
gagggaaaaa aggggggggg ccccaaaatt atcccttttc aaaaaacccc ctttttcccc 660
cccgggg
667

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<210> 2155
<211> 662
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(648)
<223> similar to gi968973 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2155
ctgaagtcaa cgcaagacga aatcaaccag gcaaggagca aactgtccca gctgcatgaa 60
agccgccagg aggccacacag gagcctggag cagtatgacc aggtgctcga tggagcccat 120
ggtgccagcc tgaccgacct ggccaacctg agcgaaggcg tctccctggc agagaggggc 180
agttttggag ccatggatga tcttttcaaa aataaaagcct tgttatttag caacaacacg 240
caagagttgc atccggatcc tttccagaca gaagaccctc tcaaatctga cccattttaa 300
ggagctgacc ctttcaaaagg cgaccggtc cagaatgacc cttttgcaga acagcagaca 360
acttcaacag atccatttgg aggggaccct ttcaaagaaa gtgaccattt ccgtggctct 420
gccactgacg acttcttcaa gaaacagaca aagaatgacc catttacctc ggatccattc 480
acgaaaaacc cttccttacc ttcgaagctc gacccttttg aatccagtga tcccttttca 540
tctccagtg tctcctcaaa aggatcagat ccctttggaa ccttagatcc cttcgggaagt 600
gggtccttca atagtgtgta aggctttgcc gacttcagca ctattgaagg tcgacgcggc 660
cg
662

```

```

<210> 2156
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = a,t,c or g

<220>
<221> misc_feature

```



<222> (267)...(365)  
 <223> similar to gi37543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2156  
 aactccccta gaccctcagg gccacacta aatgtgatga aataggacgc aagccacata 60  
 tttacttttg cattttacag taaccatatt ttaaaaagta aaacaaaaga agtgaaggta 120  
 attggaataa tatcacagat ttaaataaat ctatccaaaa taccagggtct acatgtataa 180  
 actattttta cattaacaca atgcttttctt tttatattaa ggcctcacia tctaattgtgt 240  
 atctgacact tctcacacat ctcagtatca tggcagcacc ccataatggga ggccctccca 300  
 tgatgccaat gatggggccct cctcctcctg ggatgatgcc agtggggacct gctcctggaa 360  
 tgangctcgc a 371

<210> 2157  
 <211> 694  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(697)  
 <223> similar to gi220418 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2157  
 atgtcctgga tgcactggcc aaggctctgg gctttaaata tgagattttac caagcccctg 60  
 atggcaggta cggtcaccag ctccataaca cctcctggaa cgggatgatc ggggagctca 120  
 tcagcaagag agcagacttg gccatctctg ccataccat caccacagag agggagagcg 180  
 ttgtggactt cagcaagcgg tacatggact attcagtggg gattctaatt aagaagcccg 240  
 aggagaaaat cagcatcttc tccctctttg ctccatttga tttcgctggg tgggcctgca 300  
 ttgcagcagc catccctgtg gttggtgtgc tgatatttgt gttgaacagg atacaggctg 360  
 tgagggtctca gagtgcctgc cagcccaggc cgtcagcttc tgccactctg cacagcgcca 420  
 tctggattgt ctatggagcc ttcgtacagc aagggggcga atcttccgtg aactccatgg 480  
 ccatgcgcat cgtgatgggc agctggtggc tcttcaagct cattgtgtgc tcctcctaca 540  
 cagccaacct tgctgccttc ctacagctgt ccaggatgga caaccccata aggactttcc 600  
 aggacctgtc caaacaagtg gaaatgtctt atggcactgt ccgggattct gctgtatatg 660  
 agaacttccg agccaagggc accaaccctt tggg 694

<210> 2158  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> similar to gi5689485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2158  
 ctgaaacatg ggcgcaatcc aaaccttaag gatattctacg gcaacactgc tctccattat 60  
 gctgtgtata gtgagagcac ctccactggca gaaaaactgc tttcccatgg tgcacacatt 120  
 gaagcactgg acaaggacag taatacccca cttttattcg ctataatttg caagaaagag 180  
 aaaatggtgg aatttttatt gaaaaacaaa gcaagtacac atgccgttga taggctgaga 240  
 tggtcagctc tcatgcttgc tgtatactat gactcaccag gtattgtcag tacccttctt 300  
 aagcaaaata ttgatgtctt cgctcaagac atgtgtggac gagatgcaga agattacgct 360  
 atttctcatc atttgacaaa aattcaacaa caaattttgg aact 404

<210> 2159  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(520)  
 <223> similar to gi2440078 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2159  
 gtggaattcg aagaagagtc ctccctcagag accaggatgg tgggtgacatt cctcgtgtct 60  
 gccctcgaat ccatgtgtaa agaactggcc aagtccaagg cagaagtggc ctgcatcgca 120  
 gtgtacgaaa cagacgtgtt tgtcgtcgga accgagagag gatgcgcttt tgttaatgcc 180  
 aggacggatt ttcagaaaga ttttgcaaaa tactgcgttg cagagggact gtgtgaggtg 240  
 aaacctccct gccctgtgaa cgggatgcag gtccactcgg gcgaaacgga aatactcagg 300  
 aaggcagtgg aggactatct ctgcttttgc tatggtaaag ccttagggac aacagtgatg 360  
 gtgcctgttc cctatgagaa gatgctgcga gaccagtcgg ctgtggtagt gcaggggctt 420  
 ccggaaggcg ttgcctttca acaccctgag aattacgacc ttgcaaccct gaaatggatt 480  
 ttggagaaca aagcagggat ttcattcatc ataaataggt gacacactct gcacccccgc 540  
 cccttcagtt catttaaaga tgaaaccaat agcctaattt taattcactc gtgcatcccg 600  
 cctgctgcgt ttcagagctg actgttcaga tgtgtcatgc ttttttcatt ggtccgtgct 660  
 gggtaatggt gttgcttttc ttgcagacc ttccatggac cagagagtca gctgggtaag 720  
 tgacagcttc tcagggttgg tggctcttct gagctgctga accacttc 768

<210> 2160  
 <211> 396

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (36)...(396)  
 <223> similar to gi4959147 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2160  
 atgctattga aaccctcgac gatctcagaa aggagacgat gagtgtttct gacctgtgga 60  
 atactctgtc tagtttgaat agtaatttaa aaaaggatga atttctagct gcattggaac 120  
 tagtgacagt tgatgaaggt gacaaagtac aatttgaaga atttgcaaaa gtagtaagga 180  
 atatgctgta tgctgccagg ttagaagagt tacaggaagt tgtcttagct gctgatttgc 240  
 tggaaggtga catgatagct gggaagaact tggaagactt tctaagaaat gttgggatta 300  
 agtcacctaa agaagaggta gagaaaattc ttcaatcaga ttttgtttct gaagataaca 360  
 tggatgaacat taaagactgt atgagggcct tgaggg 396

<210> 2161  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (16)...(744)  
 <223> similar to gi5420389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2161  
 cggacgcgtg ggggatctgg caatagctcc caaccctcac ttcgtgaggg ccacgacaaa 60  
 cctgttttta atggagctgg aaagcctcat tccagcacct cttcaccaag tgtcccaaag 120  
 acttctgcta gcaggactca gaaatctgct gttgagcaca aagccaaaaa atctctgtcc 180  
 catcctagcc attccaggcc tgggccccatg gtcacccccc acaataaggc taagagtcca 240  
 ggtgtcaggc agccaggcag cagctctagc tcagcccctg ggcagcccag cacagggggt 300  
 gctcgaccca cagttagtcc tggccctgtg cctaggcgcc agaattggcag ctccagctca 360  
 ggacctgagc gatcaatcag tgggtccaag aagccaacca atgactcaaa tccctctagg 420  
 cggacagtca gtggtacatg tggccctgga caacctgcaa gcagctcagg tggccctggg 480  
 cgacccatca gtggttcagt tagttctgca agacccttgg gcagctctcg tggccctggc 540  
 cggcctgtga gcagtccaca tgaacttcga cgaccagtga gtggcttggg cccccggggg 600  
 cggctctgtc gtggccctgg gagatccata agtggtcaa ttccagctgg acggactgtc 660  
 agtaattcag tcccaggaag accagtgagc agcttgggac ctgggcaaac agttagtagc 720  
 tcagggtcca ctataaagcc taagtgcact gt 752

<210> 2162  
 <211> 1064  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (12)...(1064)  
 <223> similar to gi4557143 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2162  
 gcggtggaat tcagcagcgc aggcaagatg tattttgtga ctgcagtatt ctagttgaag 60  
 ggaaggtctt caaagcacat cgaaatgtat tattcgctag gagcggctac tttaaaatgc 120  
 ttctttctca gaattcaaag gagacgagtc agccaaccac agctacattt caggctttct 180  
 cccctgacac ttttacagtt atcttggact tcgtatatc tggcaaactg tctcttactg 240  
 gtcagaatgt catagaagtg atgtcggctg ctagcttcct tcagatgact gatgtcataa 300  
 gtgtatgtaa gacttttatt aaatcttcct tagacattag tgagaaagaa aaagatcgct 360  
 atttcagtct ctcagataaa gatgccaatt ctaatggtgt agaacgttcc tctttttata 420  
 gggggggctg gcaagaagga agcagttctc cacgttctca cctaagccca gagcaaggaa 480  
 caggtataat aagtggaaaa tcttggaata agtataatta tcatccagcc tcccagaaga 540  
 atactcaaca acccttggcc aagcatgaac caaggaaaaga gtccattaaa aagaccaaac 600  
 atttgagatt gtcacagcct tctgaagtta ctcatataa gtcaagcaaa cgagaagtac 660  
 gaacatctga ttcttccagc catgtttccc agtctgaaga acaagcacag attgatgctg 720  
 aaatggactc tactcctggt ggctatcagt acggccaagg atctgatgtc acatccaaaa 780  
 gctttccaga tgatctgcct cggatgcat tcaagtgcc gtactgcaca catgtggtga 840  
 agcggaaaggc agacctaaag cgccaccttc gttgtcatac aggagaaagg ccctatccat 900  
 gtcaagcttg tggaaaaaga tttagcaggc tagaccatct aagtagccat tttcgaacaa 960  
 ttaccagggc atgtaaactc atctgcagaa aatgtaaacg tcatgtgaca gatctaacag 1020  
 ggcaagcggg acaggaggga accaggcgct acagactgtg taat 1064

<210> 2163  
 <211> 582  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (475)...(583)  
 <223> similar to gi4929679 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2163  
 ttattattat tttgcataga gacaagcact cactgtgtta cccaggctgg ttttgaactc 60  
 ctgagcttaa tcagttctca cctgctttgc cctcccaaag tgctatgatt acaggtgtga 120  
 gccaccacgc ttggccctgc ccaggagtca tttttgtatc tacaggtatc ttcctatgct 180



gagatcaagg	tagtcaagcg	ggggtcgtct	cagatctggt	tgtgctcgag	ctatgcaa	240
gcctctcacg	gagatgag	gacctatcta	ttatgatgac	cagggccaca	tccggagggg	300
gcaacagact	ttcatctatc	agcccttttc	aaccactgat	ctactaaact	ggaaacactc	360
tgaaccctgc	catcttgctc	ctggtatcag	agagccctgt	cgtgcataac	tgtgtagaag	420
tgttggaactc	agtttactcc	agcagacctg	atctccggga	ccagccttgg	gcatacagtag	480
actggaagct	atatgtggac	aggagcagct	tcatacaacc	acaagg		527

<210> 2166  
 <211> 1239  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1241)  
 <223> similar to gi2160381 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2166	
tgggaacgcc	gcctttgctg gccagggcgt ggtatatgag accttccaca tgagcgacct 60
gccctcctac	acgaccaatg gtaccgtgca cgctgctgctc aacaaccaga ttggattcac 120
cacagacccc	cgaatggccc gctcctcacc ataccgcgacc gacgtggccc ggggtggtcaa 180
tgcgcctatc	ttccatgtga atgcccagatga cccagaggct gtgatatatg tgtgcagtgt 240
ggcagccgaa	tggagaaaaca ctttcaacaa agatgttggtg gcggacctgg tctgttaccg 300
ccggcgtggc	cacaatgaga tggacgagcc catgttcacc cagccgctca tgtacaagca 360
gatccacaga	cagggtgcctg tgctgaagaa gtacgcagac aagctgattg ccgagggcac 420
agtcaccctg	caggagtgtt aggaagaaat tgccaaatac gaccggatct gtgaggaggc 480
ttatggcagg	tccaaggata aaaagattct gcatataaag cactgggttg actccccctg 540
gcctggcttc	ttcaacgtag atggggagcc caagagcatg acatgccag ccacggggat 600
ccctgaggac	atgctcacc acatcggcag tgtggccagc tctgtgcccc tggaggactt 660
taagatccac	actggcctct ctgcattct gcggggccgt gcggacatga ccaaaaaccg 720
gacggtggac	tgggcgttg cagagtacat ggcctttggc tccctgctga aggaaggcat 780
ccacgtgcgg	ctcaacgggc aggatgtgga gaggggcaca ttcagtcacc ggcacatgt 840
tctccatgac	caggaggttg accgcaggac gtgtgtgcct atgaatcatc tctggcctga 900
ccaggccccg	tacaccgtgt gcaacagctc cctctcggag tacggagtcc tgggctttga 960
gctgggctat	gccatggcca gcccacatgc cctggctcctc tgggaggccc agtttgggga 1020
cttcacacaac	acggcccagt gcatcatcga ccagttcatc agcaccggcc aggccaaagt 1080
ggtgcggcat	aatggcattg tgctgctgct gcccacatggc atggaaggca tgggcccaga 1140
gcactcgta	gcgaggcccc aaaggttcct gcagatgagc aatgatgact cggatgccta 1200
ccctgcattc	accaaggact tcgaggtgag ccagctctg 1239

<210> 2167  
 <211> 552  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (225)...(441)  
 <223> similar to gil1340076 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2167  
 aagggtacgg gcagattgag attacagaag gatccactg gttgccttgt gtgaggaccc 60  
 agggagaagg gggaggctgt ccctgtttga gtaggagatg agagctactg gtggctatga 120  
 gtggaaaagaa gtgagcagag gtgagcagaa atccaagga ctggtgatga taggatgatg 180  
 gtgggaacca ggatgggctt tgggcagacc ctgacccctc tctctgcctg tcggcccacc 240  
 agataataat ccctgtgttc ctgggcgagt cagtgccacc cgagatgttg gcggccactt 300  
 tggctgagct ggacggatgc ctgcagctgc tcgaggacaa gttcctgcgg gaccaggcct 360  
 tccttactgg gccccgtatc tctgtggctg gcttgggtgc aatcacggag ctgaggcatg 420  
 agagtgccat ggggtgcggt ggcccgtctg gcagtgggtg atccgggaag ggagctgaca 480  
 tcccagctca tgttgtcttt tctggctgtg ggaccctgtg tgagtcactt ctccttctga 540  
 gcctcgaatt cc 552

<210> 2168  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> similar to gi3273089 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2168  
 ggcttcggcg ctgcccgtgt gcggagcctc ttttaaggaag cccgagcccg ggccccctgc 60  
 atcgtctaca tcgatgagat cgacgcggtg ggcaagaagc gctccaccac catgtccggc 120  
 ttctccaaca cggaggagga gcagacgctc aaccagcttc tggtagaaat ggatggtgcc 180  
 tctcttgacc agctaccctc ccaggggacc atgaggaagc tcagaggaaa gacccccgcc 240  
 tgctcctgtc tcacggagcc cacagggtca cggagggcaa tggagggtca ttcgctctgc 300  
 tgggggttgc ttttgcactg aagatagaga ccacctttt gagtgacttg agcccaaagg 360  
 caagcgtata tcaaacgata ttctccacat aacctctctg tgccatcata agaatactg 420  
 cttccgcccc cggatttgct caggcctggg aatccgctga ctgaaggcct cttgttgagt 480  
 gccagctcta aacaagtccc tttatgcaga gccacagctg tgcatgctca gccctgccga 540  
 ggtcccaggc caggctttgt tgcttccggt catggaagcg cacaggatgg ggccgacgct 600  
 gtgccggtcg tggggaaatc tactgggga agagaaaagc ccaagccttg ttggttacgt 660  
 cagccggtcc atggcggtgt cctgcggacc ccaaagcccc cgggaagggc gcaagtcaaa 720  
 gagcactgga gg 732

<210> 2169  
 <211> 472  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (276)...(391)  
 <223> similar to gi4809337 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2169  
 gggttgcaacc caagatagtt gcttctagca agcttggagc caagagacct aggttcaaac 60  
 cctgaactca gcacaagtcc ctttacctct ctgggcctgt ttcttgccct tcgtggataa 120  
 cataaaggca ctgcttagcc atcaggcact gtgtctggct gtagcaacta tcattattgt 180  
 catcctcctc atgggctgtg acatggggaa aaaaaatcct ggctgccact ggagtgtaaa 240  
 cggctcctggg gttgcctcct cagaggccct tccctgtgtc ctcccaggca ctgtcccaga 300  
 gccacccttc aggaatccag gccacaccc agctccagct gcccgagtgg ctcagtcgcc 360  
 cagcggcctc tctgctgact gaggtgaggg gtaaccggc cagaggaagc agctgcctag 420  
 cctgaggaag gtgctgggag gggcacagaa ctgtgtctga accacgtgtg ct 472

<210> 2170  
 <211> 525  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(526)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (12)...(222)  
 <223> similar to gi2706522 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2170  
 cggcggaatt cgaaattaat ggaatgacag gtttaaattg atctatacaa caaataacgg 60  
 tgatatcgcc attttctttt agtattggtg acaccacaga actggaacca tatttacatg 120  
 gaggcatagc tgtccaagtt aagactccta aaacagtttt ttttgaatca ctggagaggc 180  
 agttaaaaca tccaaagtgc cttattgtgg attttagcaa ccctgaggta aataaacact 240  
 ttgcaggttt gagagaggca gcagaatcag agatgagaat tagtgagtga ttatgaagtt 300  
 aaaatggaat aaccatgtag gtatctggct gtcgggcctt ataatgtgag tataataaag 360  
 gttatactca catatctaaa gttgacttct gaggattaaa aatgtgaatt tgtctcatag 420  
 aaaaaaatga taaagtaata ggaaaaagtt tcacttttat aatgatttgc caactttgat 480



aattataaga cgaatntcat aacttggaca aagatgatct tatta

525

<210> 2171

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (86)...(282)

<223> similar to gi407672 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2171

ccaccacgc	gtccgcccac	gcgttcgaga	acgatttcca	gatttactac	tgccttcac	60
tagtcaagac	tctgaaattc	tgcccttcat	tcaatctaga	aattatccca	agctgtatat	120
tgatggctcct	tttggaagtc	catttgagga	atcactgaac	tatgaggtca	gcctctgcgt	180
ggctggaggc	attggagtaa	ctccatttgc	atcaatactc	aacaccctgt	tggatgactg	240
gaaaccatac	aagcttagaa	gactatactt	tatttggttt	tggcaagaga	acagacctga	300
ctatgtcaac	atccagctgt	acctcagtca	aacagatggg	atacagaaga	taattggaga	360
aaaatatcat	gcactgaatt	caagactggt	tataggacgt	cctcggtgga	aacttttggt	420
tgatgaaata	gcaaaatat					439

<210> 2172

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(452)

<223> similar to gi3924667 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2172

ttcaggagca	ctggatgcaa	gtcggcaggt	gtttgtgtgt	ggaaatgaca	gcaaagccaa	60
gcaaagagt	atggatattg	ttcgtaatct	tggacttact	ccaatggatc	aaggatcact	120
catggcagcc	aaagaaattg	aaaagtaccc	cctgcagcta	tttccaatgt	ggaggttccc	180
cttctatttg	tctgctgtgc	tgtgtgtctt	cttgtttttc	tattgtgtta	taagagacgt	240
aatctaccct	tatgtttatg	aaaagaaaga	taatacat	cgatatggcta	tttccattcc	300
aaatcgtatc	tttccaataa	cagcacttac	actgcttgct	ttggtttacc	tccttggtgt	360
tattgctgcc	attctacaac	tgtaccgagg	cacaaaatac	cgtcgattcc	cagactggct	420
tgaccactgg	atgctttgcc	gaaagcagct				450



tgaagagggc	ccggctgggtg	cgagttcacg	cttacatcat	cagctacctg	aagaaggaga	600
tgccctctgt	gtttgggaag	gagaacaaga	agaagcagct	gatcctcaaa	ctgcccgtca	660
tctttgcgaa	gattcagctg	gaacatcaca	tctcccctgg	ggactttcct	gattgccaga	720
aaatgcagat	gaggaaactg	aggcacagtg	aagtagcccg	ctcaagatga	atgattctga	780
gtctgcactt	ctaggggtcct	aaaagtgtat	gtttctaaca	ttcctctaata	gttctgtgct	840
tccaactttg	atattccgaa	agttacttga	tttctaagat	cctaggattg	gaacatttga	900
gaggacaaaa	cttctgagat	tggaaatgtgt	gttgtgcgga	atctgccact	gacggttctg	960
acttttctaag	aaaacgagat	taaaaaataa	tcaggccgag	catggtggct	cacatctgta	1020
atcctagcat	tt					1032

<210> 2175  
 <211> 1221  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1222)  
 <223> similar to gi4378904 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2175						
gtgagagaca	tcacctccga	ctccctcagc	ctctcctgga	cagtccccga	gggccagttt	60
gaccatttct	tgggtccagtt	taagaatggg	gacgggcagc	ccaaggcggg	gcgggtgccc	120
ggacacgagg	atgggggtcac	catctcgggc	ctggagccag	accacaagta	caagatgaac	180
ctgtacggct	tccacgggtg	ccagcgcgtg	ggccccgtgt	ctgctgttgg	tttaactgcc	240
ccaggaaagg	atgaagaaat	ggccccagcc	tgcacagaac	ctcccccccc	tgagcccccc	300
atcaagcctc	gcctggagga	gctgaccgtg	acagatgcga	cccctgactc	cctcagcctg	360
tcctggacgg	ttcccagagg	acagtttgac	cacttcctgg	tccagtacaa	gaatggggat	420
gggcagccca	aggcaacacg	ggtgccagga	catgaggaca	gggtcaccat	ctccggcctg	480
gagccagaca	acaagtacaa	gatgaacctg	tacggcttcc	acggtggcca	gcgtgtgggc	540
cccgtgtctg	ccattggggg	gacagctgca	gaggaagaaa	ctcccccccc	cacagaacct	600
agcatggagg	ccccggagcc	ccctgaggag	ccgctcctgg	gggagctaac	agtgcagga	660
tcctcccctg	actcgtgag	cctctcctgg	accgtcccc	agggccgctt	cgactccttc	720
accgtgcagt	acaaggacag	ggacgggcgg	ccccaggtgg	tgcgtgttgg	gggcgaggag	780
agcgagggtca	ccgtgggggg	cctggagcct	gggcgcaa	acaagatgca	cctgtacggc	840
ctccacgagg	ggcggcgtgt	gggcccgggt	tccaccgtgg	gcgtgactgc	cccacaagag	900
gatgtggacg	agacccccag	ccctacagaa	ccaggcacag	aggccccaga	gccccccgag	960
gagcctctcc	tgggggagct	gacagtgaca	ggatcctccc	ctgactcgct	gagcctttcc	1020
tggaccgtcc	cccagggccg	ctttgactcc	ttcacctgtc	agtacaagga	cagggacgga	1080
cggccccagg	cgggtgcgtgt	tggggggccg	gagagcaagg	tactgtgag	gggcctggag	1140
cctggggcgca	agtacaagat	gcacctgtac	ggcctccacg	aggggcggcg	cctaggcccc	1200
gtgtctgcca	ttgggggtgac	g				1221

<210> 2176  
 <211> 1273

09400721010100

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (138)...(1273)  
 <223> similar to gi5824511 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2176  
 tttcgtgtga catggcggag gccgcggcgc tgggtgtggat tcgcggccct ggcttcgggt 60  
 gcaaggcggg gcggtgtgcc tcgggtcggt gcaccgtccg ggattttatc caccggcact 120  
 gccaatgca gaatgttcca gtggaaaact tctttgtgaa atgcaatgga gcactcatta 180  
 acaccagtga cacagtgcag catggagctg tttatagttt ggaacccaga ctttgcgggtg 240  
 gaaaaggagg ttttggatct atgctccgag cacttgggtgc tcagattgag aagacaacca 300  
 atcgagaagc ttgtcgggat ctgagtggaa ggagactacg cgatgtcaat catgaaaaag 360  
 caatggctga atgggtaaaa caacaagccg agcgagaggc tgaaaaggag cagaagcggc 420  
 tggagcgact gcagcgggaag cttgtagaac ccaagcactg cttcaccagc cccgactacc 480  
 agcagcagtg ccatgagatg gctgagcgtc tggaggattc cgtcctcaaa ggtatgcagg 540  
 ctgcctccag caagatgggt tcagcagaaa tcagtgcagaa tcggaaacgg caatggccta 600  
 ctaaatctca aacagacaga ggagccagtg cgggaaagag gagatgcttc tggttgggca 660  
 tggagggact agagactgca gaagggtcca actctgagag ttcagatgat gacagtgaag 720  
 aagcaccaag cacttcagga atgggtttcc atgctccaaa aattggtagc aatgggtgtcg 780  
 agatggcagc caaatattccc agtgggttctc agagggcgag agtagtgaat acagaccatg 840  
 gatcaccaga acaactgcag atcccgggtga ctgactctgg gaggcattat ttagaagact 900  
 catgtgctga gctggggggag tccaaagagc acatggaaag caggatgggt acagaaacag 960  
 aagagaccca ggagaagaag gcagagagta aagaacccat agaagaggag cccactgggg 1020  
 ctggactgaa taaggataaa gagacagaag aaaggactga tggggaaaga gttgctgagg 1080  
 tagcacctga agaaagggaa aacgttgccg ttgccaaact gcaggaaagc cagccaggaa 1140  
 acgcagttat tgataaggaa actatagatt tattggcggt cacctctgtt gcagaactgg 1200  
 agttgctggg tttggagaag ctcaaagtgt aactgatggc ccttggactg aaatgtgggg 1260  
 gcactctgca gaa 1273

<210> 2177  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(163)  
 <223> similar to gi3025832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2177  
 ccccggcgag gggggggggg gttttccccc ccccccccca aaaaattttt tttttccccc 60  
 aagcccctta aattttttgg gggggggggg gcccaaattc ccccccccca aaaaagggtt 120

tttttcaaaa aaccccccg gggttttttaa aacccccccc aaaaaaaaaa

170

<210> 2178  
<211> 489  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (314)...(491)  
<223> similar to gi3360512 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2178  
ccgacgattt cgtgaggcgg cagccagggtg gggttccagc cagagcacgc acgcacggag 60  
ccgggagcat gcagcctgca ctgcggggga tgtgatgctc ggctctaact cgcctggctg 120  
gcccgccacg gacgcctcag cttgcaacca tggtaacgtt tctggcgggg gacacccccg 180  
ggagcccacc gcgatgggca gcctcctggt gactgatgga cgagtgtcca cctcccagac 240  
cgagagcgct tagtaggtcg gaggaagtgg agaggatgta acacgcccc agccgggagt 300  
gaagccctga ggagctcctc ccccttcgt tcccaccctc aagtctgacg atgacacctc 360  
caattttgat gaaccaaaga agaattcgtg ggtttcatcc tctccgtgcc agctgagccc 420  
ctcaggcttc tcgggtgaag aactgccgtt tgtgggggtt tcgtacagca aggcactggg 480  
gattcttgg 489

<210> 2179  
<211> 457  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (22)...(458)  
<223> similar to gi3712831 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2179  
cgacgatttc gtgtgggcac cgaggaggag ctgccgcggc tggtcgccga ggagatggag 60  
aatgaggacg agatgtcaga agaagaagat ggtggtcttg aagccttcga tgactttttc 120  
cctgtggagc ccgtgagcct tcctaagaag aagaaaccca agaagctcaa ggaaaacaag 180  
tgtaaaggga agcgggaagaa gaaagagggg agcaatgatg agctatcaga gaatgaagag 240  
gatctggaag agaagtcgga gagtgaaggc agtgactact ccccgataa aaagaagaag 300  
aagaaactca aggacaagaa ggagaaaaaa gccaaagcga aaaagaagga tgaggatgag 360  
gatgataatg atgatggatg cttaaaggag cccaagtcct cggggcagct catggccgag 420

tggggcctgg acgacgtgga ctacctgttc tcggagg

457

<210> 2180  
<211> 493  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (38)...(393)  
<223> similar to gil90897 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2180  
tttcgtcgag cgccttgccg acctccacgc tgcctgcgcc ccgcgccgca aggtggcgct 60  
cctcttgag gtgtgcagag atgtctatgc gggcctggct cgaggcgaga accaagatcc 120  
cctgggggcc gacgccttcc tgccggcgct gaccgaggaa ctcatctgga gcccgacat 180  
tggggacacg cagctggacg tagagtttct tatggagctc ttagatccag atgagctgcg 240  
gggagaggct ggggtactacc tgaccacgtg gtttggggcg ctgcaccaca ttgccacta 300  
ccagcccgaa acagaccgcg ctccccgggg gctcagctcc gaggcccgcg cctccctgca 360  
ccagtggcac cgcaggcgga cgctgcacag aaaggatcat cccagagccc aacagctgga 420  
ctgaccctgg ctggtcgaag agccctggcc agatgtcctg tggacagacc caatttctgg 480  
cctcgtctgc tgg 493

<210> 2181  
<211> 455  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2)...(457)  
<223> similar to gil742441 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2181  
ggaaatagat attatctata aaatcctgct ggattctgat ttaggcagta gtttgcctct 60  
aagccaggct gattttggcc tgtggtttta ccataaaggc cgacattatt ttagtggtat 120  
tgccgaagta ggccatatct cccgtctgat tcaggatttc gacggtattt tcaatcaaac 180  
catgcgtaac accagaaatt tgaataacag aagtctgcgg gtgaaatttt tattacagat 240  
aagaaatacc gtatcgcaaa ttattacctt gctgcgtgaa ttgtttgaag aagtatcgcg 300  
ccacgaagtc ggtatggatg tactgacgaa attacttaac cgccgtttcc taccgactat 360  
cttcaaacgc gaaattgccc atgccaaccg gaccggtaca ccgctgtcag tgctgattat 420

tgacgttgat aaattcaaag agatcaacga tacgg

455

<210> 2182  
<211> 991  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(992)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (3)...(85)  
<223> similar to gi4884158 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2182  
cgccctgggg ccggggccgg gcggcaccgc ggtgcgcaag cgcaaccgtc ggtgggtcgg 60  
ggatcggtcg cctgagaggt gagtgagggg cactgcgctg agcctggtgg gtctggggtc 120  
tgcggtcctgg ggcccacggg gcccacaaagc tcgtaagagt ttggggatcg tgaggccagg 180  
gtcaccgcga ccgcgggggt cctgtgagta ggcggtgcgg aggggaaact gaggccgggc 240  
gccatcgggc aggcccttcg agccctgata tcccttcccc agggcccagg tcctggaaat 300  
gctggtccgc ggccctggtg cgaggacggc gggaggggaa ggcgccccgc atgtagttag 360  
cgctcgctgg gtgttcgctg ccgttccgct cttattaacc gcctggaaac gtcgtccctg 420  
tgactcaggg acccccgttt gtggggactg aagtcggaac tctggttcca gcgcccag 480  
tccctacctg ggtgaccttg cccagcctct tggtctctcg gaggcctcagt tttcccctct 540  
gtaaaacggg cgttggttcaa aagtccctgc ctaggagaag gagagccgca ggggccagcg 600  
gaatctgaga actccaaaga attagcaggc gttcgtctta tatcatgttt agagtcttct 660  
tctgcataatc gggctagagg tgggggaaat ctgggattca ggaccgtcca ccaccacctc 720  
ccaccgctg tgtaaacctg ggtgagtccc cttccctctc tgagctaact gttccttctt 780  
tcgcaaacga ggtgtaaaag cagatgcctc ggagggtcat tatgaggata aaccacatt 840  
caattatttg atcaggcgcc tggaaactga taagagagag ctggcttgag aatagctggt 900  
cttgcattta ggtgccagaa aactgcagtg tantgtgccc ctgagagggt gaatgattgg 960  
cccattttct tttggttctg tctctgatta t 991

<210> 2183  
<211> 530  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (138)...(530)  
<223> similar to gi403440 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2183
gtccctacag cagcccctcg gagcaagtcc tcctgggagg gccagccac ctggcctctg      60
aggaggagag ccaggggagg tcagcccaac ccctgccag cacaagacc ttcgcattcc     120
agacacagat ccagaggggc cgcttcagcg tggcgaggca atgctgggag aaggccagcg     180
ggcgggcgct ggccgccaag atcatcccc accaccccaa ggacaagaca gcagtgtctg     240
gcgaatacga ggccctcaag ggctgtcgcc acccgacac ggccagctg cagcgagcct     300
acctcagccc ccggcacctg gtgtcatct tggagctgtg ctctggggcc gagctgtctc     360
cctgcctggc cgagagggcc tcctactcag aatccgaggt gaaggactac ctgtggcaga     420
tggtgagtg caccagtac ctgcacaacc agcacatcct gcacctggac ctgaggtccg     480
agaacatgat catcaccgaa tacaacctgc tcaaggtcgt ggacctggca     530

```

```

<210> 2184
<211> 883
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (610)...(806)
<223> similar to gi53041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2184
agtgacctgg aaacaagtgc tgatccagaa ggtgaggatt gggatgagga agctgaggat      60
gatggttttg atagtgatag ctactgtca gactcagacc ttgaacaaga ccctgaaggg     120
cttcaccttt ggaactcttt ctgcagtgtg gatccttata atccccagaa ctttacagca     180
acaattcaga ctgctgccag aattgttcct gaagagcctt ctgattcaga gaaggatttg     240
tctggcaagt ctgatctaga gaattcctcc cagtctggaa gccttcctga gacctctgag     300
catagtcttg gggaggaaga tgactgggaa tctagtgcag atgaagcaga gagtcttcaa     360
actgtgggaa cttcattctg ttaattctgg atggaccctt acaacccttt aaattttaag     420
gctccttttc aaacatcagg ggaatatgag aaaggctgtc gtgactcaaa gaccccatct     480
gagtcatttg tggccatttc tgagtgtcac accttacttt cttgtaagggt gcagctgttg     540
gggagccaag aaagtgaatg tccagactcg gtacagcgtg acgttctttc tggaggaaga     600
cacacacatg tcaaaagaaa aaaggtaacc ttccttgaag aagttactga gtattatata     660
agtggatgat aggatcgcaa aggaccatgg gaagaatttg caagggatgg atgcaggttc     720
cagaaaacgaa ttcaagaacg agaagatgct attggatatt gcttgacatt tgaacacaga     780
gaaagaatgt ttaatatagact ccagggaaca tgcttcaaag gacttaatgt tctcaagcaa     840
tggtgagttg gcagcctgta gtcctagcta gcatacacta cct                      883

```

```

<210> 2185
<211> 528

```



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(520)  
<223> similar to gi4063614 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2185  
ctgggaaaca cagttctaca ctactgtagt atgtacagta aacctgagtg tttgaagctt 60  
ttgctcagga gcaagcccac tgtggatata gttaaccagg ctggagaaac tgccctagac 120  
atagcaaaga gactaaaagc taccagtggt gaagatctgc tttcccaggc taaatctgga 180  
aagttcaatc cacacgtcca cgtagaatat gagtggaaatc ttcgacagga ggagatagat 240  
gagagcgatg atgatctgga tgacaaaacca agccctgtca agaaagagcg ctcacccaga 300  
cctcagagct tctgccactc ctccagcatc tccccccagg acaagctggc actgccagga 360  
ttcagcactc caagggacaa acagcggctc tcctatggag ccttcaccaa ccagatcttc 420  
gtttccacaa gcacagactc gccacatca ccaaccacgg aggctcccc tctgcctcct 480  
aggaacgccg ggaaaggtcc aactggcca cctatcactc cccataga 528

<210> 2186  
<211> 389  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (15)...(158)  
<223> similar to gi401774 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2186  
cggccgcgtc tacggcatat tctttttttg gaactgtgga gaatatggct ccaaaagtgg 60  
ttaatcgccc aggtcactact cagagtgcgt actggggggc ttttgggggg ttaatgggaa 120  
ggtttgaatt tgggattttt ttaaagggga aggagattgt taagtgagga tcaacaggga 180  
atggtaaaga aactgggggt tttattttct ttattttatg ccctatgtaa taaataacca 240  
aaaaacatta ttgcgtgcag tataaaagga ctatgaaatc tgtagctgc gtctatctca 300  
tcctaatttg aaagggcaaa aaaaaatatt accatagatt tcctgctaag agtaacaatc 360  
taaagcatta atggtgttgg gtcttttgg 389

<210> 2187  
<211> 568  
<212> DNA



<210> 2189  
 <211> 510  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(511)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (510)...(4)  
 <223> similar to gil237278 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2189  
 ggtcaaaacc catgtttcta ataaatatgg gactgatttc atctgtncctt cattactcac 60  
 acaagaacag aaatcatgca ttagggaaaa accttacaga tatattgagt gcgacaaagc 120  
 cttgaatcat ggctcacaca tgactgtacg tcaggtaagt cattctggag agaaaggata 180  
 taaatgtgat ctgtgtggca aggtctttag tcaaaaatca aaccttgccg gtcattggag 240  
 agttcatact ggagagaaac catacaaatg taatgaatgt gacagaagtt tcagtcgcaa 300  
 ctcatgcctt gcactacatc ggagagttca cactggagag aaaccttaca aatgttatga 360  
 gtgtgacaag gtcttcagtc gaaattcatg ccttgcacta catcagaaaa ctcatattgg 420  
 agagaaacct tacacgtgta aagagtgtgg gcaagccttt agtgtgaggt caacacttac 480  
 caaccatcag gtaattcata gtgacaagaa 510

<210> 2190  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (19)...(119)  
 <223> similar to gi577295 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2190  
 ggggtttgttt ttcttccagg ccccatgtct gtgggttttg acttctctct gccagggcatg 60  
 gagcatgtct atgggatccc tgagcatgca gacaacctga ggctgaaggt cactgagtga 120  
 gtcctatggt gacatcagga agatggaggt gggcaggaag gagtcaggcc tttagggaga 180

tgggtgtgca	tattggatac	tctaggcaag	catgggtcat	ttcttgtgtc	cagaatcacc	240
tttggtgata	gaaaattttt	tgagaaagga	caagaggagc	ctttgcttat	ctctcacctg	300
tgtctgtgga	gtggtgttag	catataacgc	agcctggggc	cagttagcag	cccaagtctg	360
tctgtttgcc	tgcagggtg	gggagccata	tcgcctctac	aatttggatg	tg	412

<210> 2191  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(456)  
 <223> similar to gi2914719 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2191						
ctctgtgaaa	agacaacctg	gctttgggca	gacaactgct	aaaagacacc	ctagccaagg	60
acagcaggct	gtggtcaaag	ctgctctcag	catcttgcta	aataaagctg	tactgcatgg	120
ctgtcccctc	cccagagcag	agctagacca	gcatacagct	gatttcaaag	gaggaagttt	180
ccctttatcc	atagttttcca	gttataacac	ttgtaacaag	aagaaaggag	agagtgggtc	240
ctggagaaaag	gtgaacaaca	gtcctcgcag	gaagtctggc	cgcttctctt	tacccacctg	300
gaataagcca	gacctaaaga	ctgaagggtat	gaaaaataag	actatatcac	agctgaattg	360
taacagggaat	gcttctctgt	caaaacaaaa	gtcttttagag	aatgatctat	cactgacgtt	420
gaatttggat	cagagactct	ctctgggttc	agat			454

<210> 2192  
 <211> 866  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (196)...(867)  
 <223> similar to gi4240205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2192						
atccggtaga	tgttcagtag	gtgggagctg	tgttttacat	aagttttctc	attccaatgc	60
tgaaaacaga	gaaaagatt	gaatgtcatg	cctgcatcga	cagcacatat	actaaaattg	120
gaatgataca	gagaagatta	gtatggcccc	tgcgcaagga	tgacacgcaa	atttgtgaag	180
cgttccatat	ttttaaaatc	ttcaaata	tctgtaacaa	ctgatttctc	cgaaagcctt	240
cagagttcta	atattgaatc	caaagaaatc	aatggaattc	atgatgaaag	caatgctttt	300

gaatcaaaaag	catctgaatc	catttctttg	aaaaacttaa	aaaggcgatc	acaatttttt	360
gaacaaggaa	gctctgattc	ggtgggttct	gatcttccag	ttccaacccat	cagtgtcccg	420
agtcgctggg	tgtgggatca	agaggaggag	cggaagcggc	aggagagggtg	gcagaaggag	480
caggaccgcc	tactgcagga	aaaatatcaa	cgtgagcagg	agaaactgag	ggaagagtgg	540
caaagggcca	aacaggaggc	agagagagag	aattccaagt	acttggaatga	ggaactgatg	600
gtcctaagct	caaacagcat	gtctctgacc	acacgggagc	cctctcttgc	cacctgggaa	660
gctacctgga	gtgaagggtc	caagtcttca	gacagagaag	gaacccgagc	aggagaagag	720
gagaggagac	agccacaaga	ggaagttgtt	catgaggacc	aaggaaagaa	gccgcaggat	780
cagcttggtt	ttgagagaga	gaggaaatgg	gagcaacagc	ttcaggaaga	gcaagagcaa	840
aagcggcttc	aggctgaggc	tgaggg				866

<210> 2193  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(133)  
 <223> similar to gi2978255 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2193						
ctcttggtgc	tggagcagtt	attgggcaca	ctgctcccag	agatccaggc	ctacacgcag	60
gagcagtggc	taggcagccc	tgaggaggcc	actgccctgg	cagagcggct	acagcaggag	120
tcagctgggc	caggactcca	gatgagtggg	ggctggtctg	ggggctgggt	gtgcttcccc	180
tgctcacgac	cccagttgag	ccagcactgg	ggccagtcgt	gggttggtgg	ctgagagggc	240
ctgggggctg	tgggaaagtg	atggtgacag	gtgggagttt	ggtggtcttg	gcttggacgg	300
cagagtcaga	gatctccagt	cacacctgtg	tgctccgcat	tgtgtcctga	gaactgaagg	360
tgcagagaag	ggtgggtcat	gccaccgcat	gccccttggt	ttctcctcag	atctgctagg	420
ctgaacacc						429

<210> 2194  
 <211> 1878  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (127)...(1123)  
 <223> similar to gi3882301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09487215.012100

```

<400> 2194
ctgctgactg ttttcagttg tttctgtaac agcagaaagt gcactcacta ggagtagtca      60
gaattcaaaa tgctgaagag aaagccatcc aatgtttcag agaaggagaa acatcaaaaa      120
ccaaagcgaa gcagcagttt tgggaatttc gatcgttttc ggaataattc tttatcaaaa      180
ccagatgatt caactgaggg acatgaagga gatcccacaa atggaagtgg agaacaaagt      240
aaaacttcaa ataatggagg cggtttgggt aaaaaaatga gagctatttc atggacaatg      300
aagaaaaaag tgggtaaaaa gtacatcaaa gccctttctg agggaaaagga tgaggaagat      360
ggagagaatg cccacccata tagaaacagt gaccctgtga ttgggaccca cacagagaag      420
gtgtccctca aagccagtga ctccatggat agtctctaca gtggacagag ctcatcaagt      480
ggcataacaa gctgttcaga tggtaacaag aaccgggaca gctttcgact ggatgacgat      540
ggccccatt caggaccatt ctgtggccgt gccagagtgc atacggattt cacgccaagt      600
ccctatgaca ctgactccct caaaatcaag aaaggagaca tcatagacat tatttgcaaa      660
acaccaatgg ggatgtggac aggaatgttg aacaataaag tgggaaactt caaattcatt      720
tatgtggatg tcatctcaga agaggaagca gcccacaaga aaataaaggc aaaccgaagg      780
agtaacagca aaaaatccaa gactctgcag gagttcctag agaggattca tctgcaggaa      840
tacacctcaa cacttttgct caatggttat gagactctag aagatttaaa agatataaaa      900
gagagtcacc tcattgaatt aaatattgaa aaccagatg acagaagaag gttactatca      960
gctgctgaaa acttccttga agaagaaatt attcaagagc aagaaaatga acctgagccc     1020
ctatccttga gctcagacat ctcccttaaa aagtcacagt tagatgactg cccaagggac     1080
tctggttgct atatctcatc aggaatcca gataatggca aagaggatct ggagtctgaa     1140
aatctgtctg acatggtaca taagattatt atcacagagc caagtgactg aacacgcatt     1200
cccaactata tatctacaga tgcattccat tttaaactct cttgagctaa aacgtcaaatt     1260
aggagaggaa gataagataa atatttgtaa ataaaacct aagtttaaat gttttaatct     1320
gaataattgt acataaaatt ttgtatctct aacattccaa attactgtca ataaaatata     1380
tatttattat tttaaatgct atgtgttaat atttcacttg cttgtattag aaaggcaaaa     1440
tgtaagactt tggatatgtg gacatatgct ttatttggct ttattttaca agtacagtat     1500
ctgcaaaaaa caaagtaacc ttttttcata cctgccagtt ttgaatttat atatgttatt     1560
gaacaaatag taatagagga ttcgctgttg aaacaagttg tccaagcaat gttatattca     1620
tttttatact tattgggaaa gtgtgagtta atattggaca cattttatcc tgatccccag     1680
tggagtttta gtaattatat tttggtgatt tcttctattt gttttctggt ataaaagtag     1740
agataatggg tagtcccttc tgatttagtg aaaccattg taataattgt ggaaatgttt     1800
tgtctttaag tgtaaatatt ttaaaatttg acataacct aatgttaataa taaaagaac     1860
tatttgcaaa aaaaaaaa

```

```

<210> 2195
<211> 856
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (112)...(509)
<223> similar to gi4759365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2195
gaacttattc ctgcccagag ttcagacaca gccagaaatt accatttcat acttcacaga      60
atggagggtt cagcagccaa agccccaagt gccgcagact tgtctgagat tgaaataaag     120
aaagagatga agaaagaccc tctcaccaac aaagctccag aaaagcccct gcacgaagtg     180
cccagtggaa actctttgct gtcttctgaa acgattttta gaaccaataa gagaggcgag     240

```



<400>	2197					
cttgcgggccg	cgggtgtccct	ggaagaggcc	ctactgcgcc	tgcgcgagtt	cctctccgtc	60
cagctggggg	cggaagagag	ctgcgggggc	ccggcggacc	tgggccagtc	tggcgaggtc	120
ccctcactgt	tgacagtgac	cagtcagctc	ttggcccttc	tggcatggct	tccaagcccc	180
agggggaggc	aggccctgct	ccaggggact	cagccagccc	ctcgggtccg	gccccctct	240
ccagatggat	ccacatccca	agaagaaagc	ccttcccact	tcaccgcagt	cccaggcgag	300
ccactggggg	atgagaccca	gggacagcag	cccctccagt	tggaggagga	tcagagggcg	360
tggcagcggc	tggagcagct	catcctggga	cagctggagg	agctgaagca	gcagctggaa	420
cagcaggagg	aggagttagg	tcgactgcgc	ctgggcgtgg	gggcgacgga	ctcagagaaa	480
agggttcagc	atctgactct	ggagaacgag	gccctgaagc	agagcctgag	tctcatgcgg	540
gacctcctgc	tgactggggg	ccccgggccc	cccatcaggg	ctccgcagga	ggaggcggag	600
gcattgctag	agctccaggg	ccggcttcag	gaggcccaag	acaccacaga	agccctccga	660
gccagctgg	gggtgcagga	ggtgcagctg	cagggccttc	aaggggccct	ccagcagctc	720
cagcaggaga	cggagcagaa	ctgcaggcgt	gagctacagc	agatgcatgg	gcagctggca	780
gcacttcggg	cacgagtggc	cagcctgcgt	cagggtgcgc	gggacctccg	aggtttggtc	840
agcaccttta	cccagagctg	tcagggttcg	ctgagtgaag	cccggggcca	ggtgtcctgg	900
gccttggggg	cactgtcatc	tggagggcct	ggcactcagc	tccctgaggg	gcagcaaggg	960
ccccagccg	gatgcccagg	gcggctgcca	gaactcaagg	gaaatatccg	tgtgtgtgtg	1020
cggctgaggc	cagggacatc	ttctagcctt	gtgagtgtgg	agcctggccc	agggggcacc	1080
gtcaccacct	gctaccgggg	gcgccatcgt	cgattccgcc	tagactgggt	cttccctcca	1140
gacgccagcc	aggaggaggt	cttcagagag	ctggaacctg	cgggtgctgtc	ctgcctccga	1200
ggctacagcg	tctgcatctt	cacctatggc	cagacaggca	ccgggaagac	ctacagcatg	1260
gagggccctc	ctgaggagcc	cggcatagtt	cccagggcac	aagctcccta	gcctctttgg	1320
atccattgcc	cctgagctcc	cagagtcacc	cctccacctc	cgcagccagt	gaagtgtgtt	1380
gtgcctgctg	aagtgatcac	cccccgcccc	cagccctgca	tcaggccaca	ggtcttggt	1440
ttctccttat	caccatttgc	tgttatcacg	gcacacagca	gggaatccca	ggcccccccg	1500
ccaagtgggt	acccaagtca	ccactcctga	cccaaaaatc	aggcatggca	ttaaaacgtt	1560
gcaaattcct	ttactgttat	ccccccacc	accaggacca	tgtagggtgc	agtctttact	1620
ccctaacccg	tttcccgaaa	aaggtgctac	ctcctttcca	gacagatgag	agagggcagg	1680
acttcaggct	ggatccacca	ctgggctctc	cctccccag	cctggagcac	gggaggggag	1740
gtgacggctg	gtgactgatg	gatgggtagt	gggctgagaa	gaggggacta	ggaagggcta	1800
ttccaggctc	agccctgctc	ctgcagcttt	gccgtgaggt	gtaggaaaaa	caggcatgac	1860
agaccagggg	gaggggttgtg	cccagctggg	ccacggccat	gcgtgggggtg	gccaataaaa	1920
caccgtggac	tcccagcaag	gctgctgcct	ggtgtttcga	ggctgctgtg	gtcgcagaca	1980
gccgcctcgc	cttggtccc	tgtcaacaag	gtgggggt			2018

```
<210> 2198
<211> 695
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (8)...(136)
<223> similar to gill136424 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2198  
ggggaggcag gaggcgttgg ccgccaaggc cctggagccc atcttcctgc ccgtggccga 60



```

gctgcatggg ctgcggggcc atgcgactga tgagcggggc aagccgtctg agcaactgac 120
cccaacccga gcaggtacct gggcgtgggt gggctgtgct gggcaaggte tcaaccaccc 180
gcggggagga gccctgaatc gcagcacctg ccggttgccg tgggtgtaaat gttccccagc 240
tgagttcgcc ctaaaagcgt ggtgtggctg aacatggagt agggagcaga ggcatgttgg 300
cacacgatgt agacacagtg gatatagctg accccaggag gacagttgtg aaatgtagcc 360
ggggcattag gaagggatgt tttgagtgtc tcgttgattt tatttctctg taagtttacg 420
aaacaattgt ccagtaataa caaccagctt ttgcatgttt cccggaaaatt taatagtctg 480
ctctttgagc cagcatgagc tggctctggc accgcactgg ctgggcaaga gttttgccag 540
ccagccacgg agcgtttcct tccagggaca agacatgctt cttgaaaagct cccgtagggc 600
cccttctgaa tatcttggtt ctggctgcgg gaagaaccct ttggaagggc tctggtttct 660
ctgtgcagtt ggggtgagaga ggacggggag ggagc 695

```

```

<210> 2199
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(130)
<223> similar to gi5771350 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2199
gagctccaat gacctcatgg acaagatcga gagcccagag ccggaagaca cacaagatgg 60
tctgtaccgc caggggtgccc ctgagttcag ggtggcctcc agtgtggagc agctgaacat 120
catagagatc aaaaataaga tcttcacctt gtgcccagcc tgtctgctgt ccctgaagat 180
aaaaagacga aaagggagga agcgacagtc gtctaggcag aagtgatgtg gccgtggccg 240
acaagatggc cccgcgggag gcaggcggag ctcaagtgtgt ccaataaaac tgtcttggtg 300
gagcgccaaa aaaaaaa 317

```

```

<210> 2200
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(434)
<223> similar to gi5106572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2200

```

aattccccggg	tcgacgattt	cgtaagggtt	tgaggccttt	tttactgcgc	cgagttaagg	60
tggatgttga	gaagcagatg	cccaaaaagt	acgagcatgt	tatccgctgc	aggctctcca	120
agcgtcaacg	ctgtctctat	gatgacttca	tggcacagac	cacaactaag	gagacactag	180
ccacaggcca	tttcatgagc	gtcatcaaca	ttttgatgca	gctgagaaaa	gtttgcaatc	240
atccaaatct	gttcgaccct	cgaccggtta	cctccccttt	catcacccca	ggcatctgct	300
tcagcaccgc	ctctctgggt	ctaagggcca	cggatgtcca	tcccctccag	cggatagaca	360
tgggtcgatt	tgaccttatt	ggcctggaag	gtcgtgtctc	tcgatatgag	gcagacacat	420
ttctgccccg	gcgcgcggcc	gct				443

<210> 2201  
 <211> 1126  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (29)...(1119)  
 <223> similar to gi3327128 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2201						
cggacgcgtg	ggtgccaagg	agcaggtggt	gtttgccaag	gatcagccgg	tgcacaggga	60
ggtgcaggct	gaggcaagga	ccaacaccat	gctgagctgg	gagggggccc	aagcccagac	120
ggaggttatg	tggtaacaag	acgggaagaa	actgagctcc	agctcgaaaa	tgcgtgtgga	180
ggccgtgggc	tgcacacgga	ggctggtggt	gcaagaagca	agccaagcgg	acgccgggga	240
gtacagctgc	gaggctgggg	gccagcggct	ctccttccat	ctgcatgtgg	ctgagcccaa	300
ggtggtgttt	gccaaggagc	agccggcatg	cagggaggtg	caggcggagg	cggggggccag	360
tgccacgctg	agctgtgagg	tggcccaggg	ccagatggag	gtgacatggg	acaaggacgg	420
gaagaagctg	agctccagct	caaaaagtgcg	catggaggcc	agcggctaca	cacggaggct	480
ggtagtgcag	caggcggggc	aggcggatgc	tggggagtag	agctgtgagg	cgggggggcca	540
acggctgtcc	ttccgcctgc	acgtggcaga	gctggagccc	caaatttcag	agagaccctg	600
ccgcagggag	cctctggtgg	tcaaggagca	tgaagacatc	atcctgaccg	ccacactggc	660
cacaccctct	gcggccacgg	tgacctggct	caaggatggg	gtggagattc	gccgcagcaa	720
gcggcatgag	acagccagcc	agggggacac	ccacaccctg	accgtgcatg	gcgcccagggt	780
tctggacagc	gccatctaca	gctgccgtgt	gggcgcagag	gggcaggact	tcccagtgca	840
ggtggaagag	gtggccgcca	agttctgccg	gctgctggag	cctgtgtgcg	gcgagctggg	900
tggcacgggt	acactggcct	gcgagctaag	cccagcgtgt	gcagagggtg	tgtggcgctg	960
cggcaacacg	cagcttcggg	tgggcaagcg	cttccagatg	gtggccgagg	ggcccgtgcg	1020
ctcactcact	gtgttggggc	tgcgcgcaga	ggacgcaggg	gagtacgtgt	gtgagagccg	1080
tgatgaccac	accagtgcgc	agctcaccgt	cagtgtgccc	cggcgc		1126

<210> 2202  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(683)  
 <223> similar to gi5771350 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2202  
 taagacagaa gaggaccca agctgttcca gtcaaccaag acccagcggg ggcccctgtc 60  
 cgagaactgg atcgaggagt acaagaagca ggtcttcccc atcatgtgcg catacaagct 120  
 ctgcaagggtg gagttccgct actggggcat gcagtccaag atcgagaggt tcatccacga 180  
 caccggacta cggagggtga tgggtgcgggc tcaccggcag gcctgggtgct ggcaggacga 240  
 gtggtatggg ctgagcatgg agaacatccg ggagctggag aaggaggcac agctcatgct 300  
 ttcccgtaa atggcccagt tcaatgagga tgggtgaggag gccactgagc tcgtcaagca 360  
 cgaagccgtc tcggaccaga cctctgggga gcccccgag cccagcagca gcaatgggga 420  
 gcccctagtg gggcgcggcc tcaagaaaca gtggtccaca tcctccaagt cgtctcggtc 480  
 gtccaagcgg ggagcgagtc cttcccgcca cagcatctca gagtggagga tgcagagtat 540  
 tgccagggac tcggatgaga gctcagatga tgagttcttc gatgcgcacg aggacctgtc 600  
 cgacacagag gaaatgttcc ccaaggacat caccaagtgg agctccaatg acctcatgga 660  
 caagatcgag agcccagagc g 681

<210> 2203  
 <211> 776  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (97)...(576)  
 <223> similar to gi3044055 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2203  
 ttctgtgttc cctggaagct gaggtgtctct ggggctcagt cccggcnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnccc gacccttccc cccagcgtgt tcccgaggga gctgaaggag 120  
 gtgtttgctt catggcggct gcgctgcgca gagcgaggcc gggaggacat cgagacagg 180  
 cttatcagcg cctcactctt cctgcgcttc ctctgccag cgattatgtc gccagctctc 240  
 tttgggctta tgcaggagta cccagatgag cagacctcac gaacctcac cctcattgcc 300  
 aaggtcatcc agaacctggc caacttttcc aagtttacct caaaggagga ctttctgggc 360  
 ttcatgaatg agtttctgga gctggaatgg ggttccatgc agcagttttt gtatgagatc 420  
 tccaatctgg acacgctaac caacagcagt agcttcgagg gttacatcga cttgggccga 480  
 gagctctcca cactgcagtc cctactctgg gaggtgctgc cccagctcag caaggtcagc 540  
 agatcccctc tttgccctat ccccagatgg ctccagaggt tcctggagcc tgagaaacta 600

```

ccctttgaag attttttttc tccccttggt tctcgagggtg tcaccactac tatcccaact 660
cagggcccct ccacttgcac cctcagaggc cctcttagag ctgggcactg agccccagg 720
taacagcctc accataccag gaagacatcc tgaagctggg tccactgccc cggcgc 776

```

```

<210> 2204
<211> 551
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (124)...(213)
<223> similar to gi474982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2204
ggaggcagga gattggactt ggggttgag ggcattttgt catctcattc ctgcctgttt 60
cttcctaaac tgattctctg aagggcatac tctgcctcat accttccttg gctgtgttca 120
ttacagggtg atgacgggcc ggacgtccgc ggaggatctg gggacatctt actggtccat 180
gctactgaga ctgacaggaa aggtagggtg tcagtgaagt cactagattg gggctggtcc 240
tgccccgggt gccactcggc ctcccaccgc tatcctgtcc cctcctggca gccacagccc 300
tgagcaggtc tgatcagcag tcctggtgag cctgagtcag agcagggaga gccacacctg 360
gaagacaagt agatcatgtt caactccagg cgtgcgtggc atctgtcctc cgctggtaca 420
aggtagtgac cccagggcct ccagggtcct tgaggggctc agcgcatact aagcgcacca 480
cagacagcgc cttgagtgat ggcattgtac ccagtagtac taaacttaag ataacatgca 540
ggtacctttt g 551

```

```

<210> 2205
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (77)...(642)
<223> similar to gi4262637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2205
ggaggcaaga gaatgccgtg gatattcatg aaatgacact gacagggaga gcttacaacg 60
ccgtgcatat catggaaatg gcaccgatgg ggagagttaa gaacaccatg gatattcatg 120
aaatgggtacc gacggggaga gtttagaacg ccatggatat catggaaatg gcaccgacgg 180
ggagagctta ggacactgtg gatattcatg aaatggcacc gacagcgaga gtttacaacg 240

```

```
ctgtggatat catggaaatg gcaccgacgg ggagagctta ggacgccgtg gatatcatgg 300
aaatggcacc cacagcgaga gtttagaaca ccgtggatat catggaaatg gcaccacacag 360
cgagagttta gaacacccatg gatatcatgg aaatggcacc gacagggaga gcttagaacg 420
tcgtggatat catggaaatg gcaccgacag ggagagttha gaacgccgtg gatatcatgg 480
aaatggcacc cacagcgaga gtttagaaca ccgtggatat tatggaaatg gcaccgatgg 540
ggagagttha gaacgccgtg gatatcatgg aaatgtcacc gacggggaga gcttagaacg 600
ccatggatat catggaaatg gaaccgatgg ggagagcccg 640
```

```
<210> 2206
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(331)
<223> similar to gi755484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2206
taaatatctt attttatggt gttttcacct ggaagctgag aagaaagggg ctttaaatgga 60
acaaatagca catcaagctg ttgtaatgca gtttattatg gaaatggcca aaaactgtaa 120
tgtggatcca agaggggtgt ttcgtttatt tttccagaaa gccaaagcag aggaagaagg 180
ttattttgaa gcattcaaaa atgaacttga agctttcaag tcaagagtaa gactttattc 240
tcaatcacaa agttttcaac ctatgacagt tcagaatcat gttccccatt ctggtgttgg 300
atctataggt ttattagaat ccttaccaca ggtaagttgg aaaagtaaat atttgtttta 360
taagcctatt aattcacata atttttgtta ttttgcccca ctcttttttt tttttaatag 420
gggctactat t 431
```

```
<210> 2207
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(365)
<223> similar to gi41564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2207
gtctgttggg gccgcagctg cccggtacgc gcgttaccga aagtattcac aaagtggctg 60
aacgcgtggt aacgctggtg tcgatggaac tgccggacaa cgtgcggttg attcgtgatt 120
```

```

acgatcccag cctaccggaa ctggcgcacg acccggatca aattgaacag gtcttgctga 180
atattgtgcg caatgcgcta caggcgctgg ggccggaagg cggtgaaatc attctgcgta 240
cccgaccgcg gtttcaactg accttacacg gcgagcgcta ccggctggcg gcgcggattg 300
atgtggaaga taacgggccg ggcattccgc ctcatcttga ggatacgtg ttttaccga 360
tg 362

```

```

<210> 2208
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(464)
<223> similar to gi2723316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2208
cgactcgaga aagtgcatac tggagagagt ccttacaaat gtaatgagtg tggcaaggtc 60
ttcagtcgaa ttacatacct tgtacgacat cagaaaattc atactagaga gaaacctcat 120
aaatgtaaca aatgtggcaa ggtttatagt agcagttcat acctagcaca acattggaga 180
attcatacag gagagaaact ttacaaatgt aataaatgtg gcaaagaatt tagtgggcat 240
tcaagcctca ccacccatct gttaatccac actggagaga aaccttaca atgtaaagaa 300
tgtgacaaag cttttaggca caagttctcc ctgacagttc atcagagaaa tcataatgga 360
gagaaacctt ataaatgtca tgaatgtggc aaagtcttca ctcaagtttc acatcttgca 420
cgacatcaga aaattcacac tggagagaaa ccttacaaat gtaatg 466

```

```

<210> 2209
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(425)
<223> similar to gi498736 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2209
agaaacccta caaatgtaaa gaatgtggct tagccttttag cagggtactca acccttacta    60
cccataagag aattcattct ggagagaagc cctacaaatg tgatgaatgt ggcaaaacct    120
ttagcatatc ctcaaccttt actaaacata agataattca tactgaagag aaaccctaca    180
aatgtaaaaga atgtggcaaaa gcctttaacc ggtcctcaac ccttactagc cataagagaa    240
tacatactgg tgagaaaacc tacaaatgtg aagaatgtgg caaagccttt aactggtctt    300
caactcttac taaacataag gtaattcata ctggagagaa gccctacaaa tgtgaagaat    360
gtggcaaaagc ttttaaccag tcttcaagac ttactcgaca taaaaaaatt catactggag    420
aggan                                           425

```

```

<210> 2210
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(391)
<223> similar to gi2055392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2210
gggagtgagt gccagggcac tgacctggac acccgcaact gtaccagtga cctctgtgta    60
cacactgctt ctggccctga ggacgtggcc ctctatgtgg gcctcatcgc cgtggccgctc    120
tgcttggtcc tgctgtgtgt tgctctcatc ctcgtttatt gccggaagaa ggaggggctg    180
gactcagatg tggttgactc gtccattctc acctcaggct tccagcccgt cagcatcaag    240
cccagcaaag cagacaaccc ccatctgctc accatccagc cggacctcag caccaccacc    300
accacctacc agggcagctc ctgtccccgg caggatgggc ccagcccca gttccagctc    360
accaatgggc acctgctcag cccctgggt
                                           390

```

```

<210> 2211
<211> 682
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(532)
<223> similar to gil73381 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2211
tttcgtcctt ccagggccgc acgctgcgga tcgggcgcga gcactacctg cggccctgcg    60

```

```

tgccctgccca cagcccgcctc tgcccggagc ccgcccgcctg cagccacgat gggaaaactct 120
tgtctagtga tgtgactcat tacgtgatcc cagactggaa agttgttcaa gattatcttg 180
agatccttga gtttcctgag ttgaaggga ttattttcat gcagacagct tgtcaagctg 240
tgcagcatca aagaggcagg agacagtata acaaactgcg aaacctgctg aaggatgcgc 300
gtcatgattg cattctcttt gctaataaat tccagcaatg ctgctatctg ccacgggaaa 360
gaggagagtc catggagaag tggcagacca ggagcatata caacgcagct gtttggtact 420
atcatcactg ccaggacagg atgccaatg ttatggtgac agaagatgaa gaggcaattc 480
agcagtatgg aagtgaaaca gaaggagtat tcgtgattac tttcaaggga attctgaatg 540
tcaacaaaca cagagcccaa atagaagctt ttgttcgact tcaaggagcc agcagtaaag 600
attcagattt agtcagtgc atcctaatac acgggatgaa ggctcgaaac cgctcaattc 660
atggagatgt ggtagttgtg ga 682

```

```

<210> 2212
<211> 729
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (84)...(408)
<223> similar to gi2950398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2212
tttcgtgccca tgcaagacgt gactttgctt ctcttcccc ttctgccatg atttgtgatg 60
cctctcagc catgtggaac tgagtcattg ccggcttcaa catggggggc gacctcaggg 120
agcctgccgc cagcattccc ctgggctccc tggcagctgt tggcatctcg tggtttctgt 180
acatcgtctt cgtcttctc ctgggcgcca tctgcactcg agaggccctt cgctatgact 240
tctgatagc ggaagaggta tccctcatgg gcttctgtt ctttttgggc ttatacatct 300
cgtccctggc ttctgcatg ggaggacttt atggagctcc ccgcatcctg cagtgcattg 360
cccaggagaa agtgatccct gcaattgcct gtctgggaca aggggtgagt aatcctcttt 420
ttttggtttg ttttttgaaa catgttttgc tgctaacctc actggttgcc catcaattgg 480
ttaagctttt ctgatcagag cctctggtca atttctttgg ggtgacacag aaaataatgc 540
agaggtcatt tctttcagcc ctgtcctctg gctggcttag gntagggcta agtagatgaa 600
gcattctata tgtcccagcc acccagcccc ttagcacttt taggactgng ttagctaacc 660
agtcctagta ccattctgga ccctgagcag catgaaaatg cagtgcacca tcttttaattg 720
aaaatgaat 729

```

```

<210> 2213
<211> 746
<212> DNA

```



094627 0000 01E 000

<221> misc feature

<223> similar to gi4322346 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

tttcgtctgc	atgtggagtt	tccaaaaact	cccaagctgt	gggaaccatg	acaattattt	60
tcactgggaa	tagagcagct	ccacctatca	tgatgcctat	gcactctctc	cctaaagctc	120
caagtcaa	gctggatcca	cactttggct	tcttggggac	ccctgagtg	ccccggtaag	180
atggggctca	gggctggtgg	cctctgcctc	aggctgagcg	gccctgagtg	tgtgctgaat	240
ccctctctct	gccagctcc	caacacagag	acagagccct	tgctgacctg	gaagaaggcc	300
caggagacag	tgccctggaa	catcatcctt	ctcctgggag	ggggcttcgc	catggccaaa	360
ggctgtgagg	aatcggggct	gtctgtatgg	attggtgggc	agctgcaccc	cctggagaat	420
gtgccccccg	ccctggctgt	gctgctcatc	actgtggtca	tcgccttctt	cactgagttt	480
gccagcaaca	cggcgaccat	catcatcttc	ctgccggtcc	tggcagagct	ggccatccgc	540
ctgagagtgc	acccccctgta	tctgatgatt	ccgggcacag	tcggctgctc	ctttgccttc	600
atgctcccgg	tctcaacgcc	ccccaactcc	atcgccttcg	cctctggaca	cttgctggtc	660
aaagacatgt	tgcggacagg	cctcctgatg	aacctgatgg	gtggtctgtc	tgctagtttg	720
ggcatgaata	cttgggcaca	gaccat				746

<211> 777

<213> Homo sapiens

<221> misc feature

```
<223> similar to gi438007 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

cttattttata	atgaagatat	gattttgttg	attgaatcaa	gagaatcttc	aaatcaactc	60
aaatgtatcc	agataacaaa	agcaggagga	ttaacagatg	aatggacaat	caatattctt	120
caatccttcc	acaatgtgca	acaaatggcg	attgactggc	tactctgaaa	tctctatttt	180
gtggaccatg	tcggtgaccg	gatctttgtt	tgtaatcca	acggttctgt	atgtgtcacc	240
ctgattgatc	tggagcttca	caatcctaaa	gcaatagcag	tagatccaat	agcaggaaaa	300
cttttcttta	ctgactacgg	gaatgtcgcc	aaagtggaga	gatgtgacat	ggatgggatg	360
aaccgaacaa	ggataattga	ttcaaagaca	gagcagccag	ctgcactggc	actagacctt	420
gtcaacaaat	tgttttactg	ggtagattct	tacttggact	atgtgggagt	agtggactat	480
caaggaaaaa	atagacacgc	tgtcattcaa	ggcagacaag	tcagacatct	ttatgggtata	540
actgtgtttg	aagattatct	gtagtcaacc	aattctgata	gctacaatat	cgtaaggata	600
agccgattta	atgggactga	tattcactca	ttaattaaaa	ttgagaatgc	ttggggaatc	660
cgaattttatc	aaaaaagaac	tcaaccaaca	gtcagaagcc	atgcatgtga	agtcgatcca	720

tatggaatgc cagggggctg ttcacacatc tgtctactca gcagcagtta cacgaaa 777

<210> 2215  
<211> 738  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (5)...(740)  
<223> similar to gi2988422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2215  
tttcgtgttc ctggcacgag gccccagcgg cctcctgctc tacaacgggc agaagacgga 60  
cggcaagggg gacttcgtgt cgctggcact gcgggaccgc cgcctggagt tccgctacga 120  
cctgggcaag ggggcagcgg tcatcaggag cagggagcca gtcaccctgg gagcctggac 180  
cagggctctca ctggagcgaa acggccgcaa ggggtgccctg cgtgtggggc acggcccccg 240  
tgtgttgggg gagtccccga aatcccgcaa gggtccgcac accgtcctca acctgaagga 300  
gccgctctac gtagggggcg ctcccgactt cagcaagctg gcccggtgctg ctgccgtgtc 360  
ctctggcttc gacggtgcca tccagctggg ctccctcgga ggccgccagc tgctgacccc 420  
ggagcacgtg ctgcggcagg tggacgtcac gtcccttgca ggtcacccct gcacccgggc 480  
ctcaggccac ccctgcctca atggggcctc ctgcgtcccg agggaggctg cctatgtgtg 540  
cctgtgtccc gggggattct caggaccgct ctgcgagaag gggctggtgg agaagtcagc 600  
gggggacgtg gataccttgg cctttgacgg gcggaccttt gtcgagtacc tcaacgctgt 660  
gaccgagagc gaaaaggcac tgcagagcaa ccactttgaa ctgagcctgc gccctcgtgc 720  
caagcttggc gtagtcat 738

<210> 2216  
<211> 390  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (34)...(286)  
<223> similar to gi2708329 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2216  
tttcgtgcgg cggcgacggt cgggcggcac actttacctg agcattgggtc ctacgggggtg 60  
tgccgggatg gccgcgtctt cttcatcaat gaccagctcc gctgcacgac ctggctgcac 120  
ccgcgcaccg gggagcccgt caactcgggc cacatgatcc gtcataacct gcccccgggc 180

tgggaggagg	gcttcacgga	ggagggcgcc	agctacttca	tcgaccataa	ccagcagacc	240
acagcattca	ggcatcctgt	gacgggacag	ttttctccag	aaaatagtga	attcattctt	300
caagaagagc	cgaatccaca	tatgtcgaag	caagacagaa	accaaagacc	gtccagcatg	360
gtcagtga	catccacggc	tgggaccgcc				390

```

<210> 2217
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(160)
<223> similar to gi3878265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2217						
tttttttttt	ttgaggggtt	tctgttattt	ctttattggg	gtgggggtgg	ggtgcatcat	60
tcagatcttt	gtgctggtgc	ctacgtgcat	acaagtacac	acacacacac	acacacacag	120
gcatgtgttc	acgtatgtat	acatatacac	acaaggccag	agctctagt	tgctggagga	180
ggggcaagct	ctttttccaa	gagggatta	gaaagaggtt	gattccagag	gatgagtgg	240
ctctgaggct	atagccccc	actgggtggg	cagccagctc	tgtgagaatg	ccagggtgca	300
gctgacagcg	ctggaggcct	ggggactgga	ctctgagagg	agcttgggca	gacacagcag	360
cctccggccc	caacactgcc	ctgggttggc	aggcccagcc	ctggtcctga	caggcaggtc	420
cttgagctcc	tcgggagggc	gtgacgaccc	ttagtgtttc	atgggaccac	tcggtggggc	480
ctcctccgtg	ccaggcctgt	cagaggacaa	ccctccggtc	cagggtggtc	ccacgcccgc	540
tccgtgggtg	ccgcctcgtg	ccgaattcct	gcagcgcggg	tcaatgcaaa	gggtggcccc	600
g						601

```

<210> 2218
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(358)
<223> similar to gi3876094 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2218						
acaacctgga	tcaggacaac	gcccgtgttg	gggatagggt	catgcggtc	attgaaccgc	60
tggctgccag	cctgccgtac	atgacatgcc	ctgggaatca	tgaagaacgc	tacaacttct	120

```
ctaactacaa ggctcgcttc agcatgccgg gggataatga gggcctgtgg tacagctggg 180
atctgggtcc cgccacatc atctccttct ccaccgaggt ctatttcttt ctccattatg 240
gccgccactt ggtgcagagg cagtttcgct ggctggagag cgacctccag aaagccaata 300
agaaccgggc agcccgggcg tggatcatca ctatggggca ccggcccatg tactgacgaa 360
a 361
```

```
<210> 2219
<211> 510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (174)...(513)
<223> similar to gil814270 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2219
tttcgtggtg gctgtgggca gagtgcaggc acagaggcag gattactgct ggatgccgca 60
aggacttcct gtggagaaaa tgtctgttct gttgcctgtg tgatctcagg gccccacaga 120
acacaatcca tcacccatgg ggcagaacgt gtgaaaacag caagaccggc agaagcaagc 180
ggcgcgagga ctcagagcga tcgatattcg tgcgggttaa agaaggtggc taccggctgc 240
gagagaacat cctcttccat ctctacgtga gcacctcccc ctgtggagac gcaagactcc 300
actctcccta cgagatcacc acagacctgc acagcagcaa acacctcgtc aggaagttcc 360
gcgggcacct gcgcaccaag atcgagtccg gggaagggac ggtccccgtg cgtggcccca 420
gcgcagtgca gacctgggac ggcgtcctgc tgggggagca gctgatcacc atgtcctgca 480
cggacaagat cgccaggtgg aacgtcctgg 510
```

```
<210> 2220
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(388)
<223> similar to gil47423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2220
tttcgtcggg cgggatcggt tacattcgcg cctatctttt aaaaaaggc gagatcaacg 60
tcgggtgcga gctggtcggt ctcggcggcc cggcaatgaa catcgggtctt ggcggtggtg 120
cagcgtcttc tatggcgtct ggtcagtcgt atgccgacct cgactttgct tccgtacagc 180
```



<221> misc\_feature  
 <222> (101)...(534)  
 <223> similar to gi517115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2222  
 caattcccgg gtcgacgatt tcgtgtactt ctgttggggc gccgactcca gggagctgca 60  
 gcgccggagg acggcgggca gccccggggc tgagctactg caggcgggcca gcgggggagcg 120  
 ccactctctg ctgctgctga ccaaccacag ggtcctctcg tgcggagaca acagcagggg 180  
 tcagctgggc cgcaggggag cgcagcgagg ggagctgcca caaccaattc aggcattgga 240  
 aaccctaatt gttgatctcg tgagctgcgg gaaggagcac tccctggctg tgtgccacaa 300  
 aggaagggtc ttcgcatggg gagctgggtc tgaaggggcag ctggggattg gagaattcaa 360  
 ggaaataagt ttcacaccta agaaaataac gactctgaat gatataaaaa taatacaagt 420  
 ttcctgtgga cactaccact ccctggcatt atcaaaagat agccaagtgt tttcgtgggg 480  
 aaagaacagc catgggcagc tgggcttggg gaaggagttc ccctcccaag ccagg 535

<210> 2223  
 <211> 486  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(489)  
 <223> similar to gi4101718 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2223  
 tttcgtctgg gaacccgcag cctgggggact cctccggcgg gggcgctggg ggcgggctgc 60  
 cgtcccctgg ggagcaggag ctgagccggc gcttgcagcg cctgtatccc gcggtcaacc 120  
 agcaagagac tccgctgccg cgctcctgga gcccgaagga caaatacaac tacattgggtc 180  
 tctcccaggg caacctccgc gtccactaca aaggatcatg caaaaatcac aaagatgcgg 240  
 cctcagtgcg tgccacccac cccatacctg ctgcctgtgg catttattac tttgaagtga 300  
 agattgtcag caaaggaaga gatggttaca tgggaatagg actctcggct caaggcgtca 360  
 acatgaacag acttcctggg tgggacaaac attcctatgg ttaccatggg gatgatgggc 420  
 attcgttctg ctcctcgggg actggccagc cctatgggtc cacattcacc acaggagacg 480  
 tgatcg 486

<210> 2224  
 <211> 671  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (91)...(639)  
 <223> similar to gi4226115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2224  
 cccgggcgac aatttcgttg gagagtttgc gtggcgggaa cgcggcggca gtgagagcga 60  
 gcggcgccgg cccttgcgtc cggtgcggcg atgctgaccc cggcgttcga cctcagccag 120  
 gatccggact tcctgactat cgccatccgc gtgccctacg cccgggtctc cgagttcgac 180  
 gtctacttcg aggggtctga cttcaagtgc tacgccaagc catactttct cagattaacc 240  
 cttcctggaa gaattgtaga aaatggaagt gagcaagggt cctatgatgc agataaagga 300  
 atttttacca ttgcctgcc caaagaaacc cctggccagc attttgaggg gctgaacatg 360  
 ttaactgctc ttctggcacc aagaaaatcc aggacagcaa aaccacttgt ggaagaaata 420  
 ggtgcttctg agattcctga ggaagtagtt gacgatgaag agtttgattg ggaaattgag 480  
 cagacaccct gtgaagaggt atcagaaagt gctttgaatc cgcagtgcc ctatggattt 540  
 ggaaacttac gatcaggagt gttgcaacgg ttacaggatg aactgagtga tgttattgat 600  
 attaaggatc cagatttcac ccctgcagct cagcggccag gcgcttctgt cttcgttcag 660  
 ctgcagtcga c 671

<210> 2225  
 <211> 588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(554)  
 <223> similar to gi5327052 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2225  
 tttcgtggag aaccctacc cgttccagtg caccatcgat taccocacta agcagaccaa 60  
 gttcaagggc atgaagagct acatctccta caagctggtg cccaagcaca cgcaggtgcc 120  
 ggtgcatcgg cgctacaagc acttcgactg gctgtacgcg cgccctggcg agaagttccc 180  
 ggtcatctcc gtgccccacc tgcccagaaa gcaggccacc ggccgcttcg aggaggactt 240  
 catctctaag cgcaggaagg gctgatctg gtggatgaac cacatggcca gccaccaggt 300  
 gctggcgagc tgcgacgtct tccagcactt cctgacgtgc cccagcagca ccgacgagaa 360  
 agcctggaag cagggaaga ggaaggccga gaaggacgag atggtgggcg ccaacttctt 420  
 cctgaccctt agcagcccc ccgcccgtgc ccttgacctg caggaggtgg agagcaagat 480  
 cgacggcttc aagtgttca ccaagaagat ggacgacagc gcgctgcagc tcatccacac 540  
 ggccaacgag ttgcgcgcga tgcaggtgac cggcttcaaa aaggattt 588

<210> 2226  
 <211> 1328  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (290)...(1150)  
 <223> similar to gi3924880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2226  
 cgagttcggc tccttggcag tgtgtgcccc tgacccaggt gtgttggtgt cagctggtag 60  
 cttcatcctg tttgtttttc agatgatcat gcaccctaag ggctcatcta ggctccctga 120  
 gagcacctcc tttctgtgtc tgttctcagg aatgctgttg agctctcctg ttgcaggagc 180  
 atgagcgcca ggggctctgg tgtctgaaca gcgtgttttg caggatgact ttgccaacga 240  
 tgtggatgct ctgctggaag aaggcctttg tgcccccaaa aagaggcgaa cagaggaaaa 300  
 atatggcgga gacagcgacc atccgtccga tggagagaca agtgtgcagc cgatgatgac 360  
 caagattaaa acagtgtctc aaagtcgtgg ccgcccacct acagagccgc tgcccgcacg 420  
 gtggatcatg acattccata actctggagt cccggtgtac ctacacagag agtctcgggt 480  
 ggtcacctgg tccaggccat acttcttggg aacgggaagc atacggaaac acgaccctcc 540  
 tctgagtagc atcccttgtc tgcattataa gaaaatgaag gacaacgagg aacggggagca 600  
 aagcagtgc ctcaccccta gtggggatgt gtcccccgtc aagcccctga gccgatctgc 660  
 agagctggag tttcccctgg atgagcctga ctctatgggt gctgacccgg ggcccccgga 720  
 cgagaaagac ccactagggg ctgaggcagc ccctggggcc ctggggcagg tgaaggccaa 780  
 agtcgagggt tgcaaagatg aatccgttga tctcgaggaa tttcgaagct acctggagaa 840  
 gcgttttgac tttgagcaag ttactgtgaa aaaattcagg acttgggctg agcggcggca 900  
 attcaatcgg gaaatgaagc ggaagcaggc ggagtcagag aggccatct tgccagccaa 960  
 tcagaagctc attactttat cagtgcgaaga tgcaccaca aagaaagagt ttgttattaa 1020  
 cccaacggg aaatccgagg tctgcatcct gcacgagtac atgcagcgtg tcctcaaggt 1080  
 ccgccctgtc tataatttct ttgaatgtga gaacccaagt gagccttttg gtgcctcgg 1140  
 gaccattgat ggtgtgactt acggatctgg aactgcaagc agcaaaaaac ttgcgaagaa 1200  
 taaagctgcc cgagctacac tggaaatcct catccctgac tttgttaaac agacctctga 1260  
 agagaagccc aaagacagtg aagaactcga gtattttaac cacatcagca tcgaggactc 1320  
 gcgggtct 1328

<210> 2227  
 <211> 1309  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (193)...(743)  
 <223> similar to gi5823366 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 2227
agtacataacc gaattccctg gtcgactcca cgcgtccgga tctaggcacc ggtccgagtg      60
cctgccctct gtccccgcgg ctgggtctcg tctgctccgg ttcttgggct cctaattctt      120
ggtccagctt ctccagggtc tgcgctctg ttgttcccag cgctctgcga agcctgaaaa      180
ggaggagcaa cctgtccaga atccccgcag gacaggaaaa ggaggggaaa tctcgacatg      240
gaaaaactct acagtgaaaa tgaaggaatg gcttcaaacc aaggaaagat ggaaaatgaa      300
gaacagccac aagacgagag aaagccagaa gtaacttgta ctctggaaga caagaagtta      360
gaaaacgagg gaaagacaga aaacaagggc aaaacaggag atgaggaaat gttaaaggat      420
aaaggaaagc cagagagtga gggagaggca aaagaaggaa agtcagagag ggagggagag      480
tcagagatgg agggaggatc agagagagag ggaaaaccag agatagaggg aaagccagag      540
agtgaaggag agccagggag tgaacaagg gctgcaggaa agcgcccagc tgaggatgat      600
gtacccagga aagccaaaag aaaaactaat aaggggctgg ctattacct caaggagtat      660
aaagaggcca tacatgatat gaatttcagc aatgaggaca tgataagaga atttgacaat      720
atggctaagg tgcaggatga gaagagaaaa agcaaacaga aattgggggc gtttttgtgg      780
atgcaaagaa atttacagga ccccttctac cctagagggtc caagggaatt caggggtggc      840
tgcagggcc caggaaggga cattgaagac attccttatg tgtagtgtcc ctggcaggca      900
tttaccaggc catgtgcttt aacgttacgg taatacttta ctttaggcat ccctcctggt      960
gctagcagcc ttttgacct tctgcaatgc agtggttctca gtaggaaatg ttcattctgt      1020
acatggaaaa aatgttgatg gtgcattgta aaattaaana acacaacttg cagaaccaa      1080
tatatggcat cagtacattt ttgtaaaact acaaagatac ttacctagta atatagtata      1140
gaaaacaatt ctgaaagctg tgtccactaa aagattaaca gtggttatct ctgggtgatt      1200
ttttctgttc tttttgttc atctgtccat ttttctcta aaaacagatt tcttttagtca      1260
taaaaataat aaaatataaa gtattggaaa acagtgaaaa aaaaaaaaaa      1309

```

```

<210> 2228
<211> 1118
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(1105)
<223> similar to gi3127926 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2228
cccacgcgtc cgcgatgagc tcaatgtgaa gccagagggg acccgaattg cggtgggtca      60
gtacagcgat gatgtcaagg tggagtcccg ttttgatgag caccagagta agcctgagat      120
cctgaatctt gtgaagagaa tgaagatcaa gacgggcaaa gccctcaacc tgggctacgc      180
gctggactat gcacagaggt acatttttgt gaagtctgct ggcagccgga tcgaggatgg      240
agtgttcag ttctgggtgc tgtgtgtcgc aggaaggcca tctgaccgtg tggatgggcc      300
agcaagtaac ctgaagcaga gtgggggtgt gcccttcata ttccaagcca agaacgcaga      360
ccctgctgag ttagagcaga tcgtgctgtc tccagcggtt atcctggctg cagagtgcgt      420
tccaagatt ggagatcttc atccacagat agtgaatctc ttaaaatcag tgcacaacgg      480
agcaccagca ccagtttcag gtgaaaagga cgtgggtgtt ctgcttgatg gctctgaggg      540
cgtcaggagc ggcttccctc tgttgaaaga gtttgtccag agagtgggtg aaagcctgga      600
tgtgggccag gaccgggtcc gcgtggccgt ggtgcagtac agcgaccgga ccaggcccga      660
gttctacctg aattcataca tgaacaagca ggacgtcgtc aacgctgtcc gccagctgac      720
cctgctggga gggccgaccc ccaacaccgg ggccgcctg gagtttgtcc tgagggaacat      780
cctggtcagc tctgcgggaa gcaggataac agaaggtgtg cccagctgc tgatcgtcct      840

```



```

<400> 2230
cctcaaagtt attattattg caacaccata tatgcatcat tatatgaagc atcagaaaaa 60
aggaatacat cgttgtacaa aatgcaggct gcagtttttg acatgcaagg agaaaatgga 120
tcataagact caacaccatc gaacatztat aaaacctaata caactagaag gattgcctcc 180
tggaacaaaa gttactattc gagcttcagt tggacctctg caatcaggag cttcacctac 240
accttccatt agtgcaagtg cttctaccct tcagctctca cctccaagga ctaaaaaatat 300
aactgctaaa aatcctgcaa aatctaatac aagtaaacct aatacaatca aatccaacgc 360
aagtaaacct aatacaagta agcctaattg aagtaaactt aaatacaaac caaaaatctc 420
taatatg 427

```

```

<210> 2231
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(826)
<223> similar to gi2463544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2231
tttcgtgcgg ggctgggggc tcggccccgcc ttgccctgag gcgctgggtg ccttccagtt 60
ggctgcgacc agcgggtgact tacaagttgg ctgctgtcgc ctgcgcatcg gcgggccggg 120
aggctgagca gtactgttga gagcgggtgtg aggtgcttgg tagcgcgccg tagctgcttc 180
cacgtccttg cttcacctca ggtaaagaga gaagtaatgg aaggcctgtc tgatgttgct 240
tcttttgcaa ctaaacttaa aaacactctc atccagtacc atagcattga agaagataag 300
tggcgagttg ctaaaaaac gaaagatgta actgtttgga gaaaaccctc agaagaattt 360
aatggatatc tctacaaagc ccaagggtgtt atagatgacc ttgtctatag tataatagac 420
catatacgcc cagggccttg tcgtttggat tgggacagct tgatgacttc tttggatatt 480
ctggagaact ttgaagagaa ttgctgtgtg atgcgttaca ctactgctgg tcagcttttg 540
aatataattt cccaagaga atttgttgat ttctcctata ctgtgggcta taaagaaggg 600
cttttatctt gtggaataag tcttgactgg gatgaaaaga gaccagaatt tgttcgagga 660
tataaccatc cctgtggttg gttttgtgtt ccacttaaag acaacccaaa ccagagtctt 720
ttgacaggat atattcagac agatctgcgt gggatgattc ctcagtctgc ggtagataca 780
gccatggcaa gcactttaac caacttctat ggtgatttac gaaaa 825

```

```

<210> 2232
<211> 1317
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc\_feature  
 <222> (575)...(1319)  
 <223> similar to gi2655902 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2232

```

ggccctgaag ggatctcttg tccagaatta aacactgac accagtggac cagagctgcc      60
tggagcacat cttcactggg ctgcataatg gtttttaaaa aatcctggag cctctatttt    120
agcatctcga tttgagatat gaagatccat gtttcttgag tttttcttaa acgacagaag    180
attttgcttc ccagactagc atccctctgt ggctacaacc agcctgaacc gaggggtctg    240
cccttttagaa gggcccagct cacgggctca ctgtgcactc aggccctagc cagcctgctg    300
tacgtagggtg tttgcgattt catcattggc cttgttttaa cagacagcag agcagagcac    360
ctgccataaa gcaagcctcg atgtgctaag tgccatgtgg agcccttgcc ctgctggggc    420
tcgctgctcc catttgagct gccacagatc agccctccc cccagggctc ccgaggagtc    480
aggaccgcac agcctgccct cctagggaag gacttcctca gggaaggcag gcatgtggaa    540
gccagggtgca gagtcctggc ctctccacac aggtgccgcc caggtgatgt ggtttgagaa    600
gctgtatgct ggcctgcagt gcgtagagaa gtacctcatc taccctgccg tgggtgctcaa    660
cgccctcacg gtggacgcc acacagtcgt cagccaccgc gacaagtact gcttctactg    720
ccgggcgctg ctgatgaccg tggctgggct gaagctgctg cgctcagcct tctgctgcc    780
cccacagcag tacctgacgt tggccttcac cgtcctgctc ttccactttg actaccgcg    840
cctctcccag ggctttctgc ttgactactt cctcatgtcc ctgctttgca gcaagctgtg    900
ggacttgctg tacaagctgc gtttcgtgct gacctacatc gcgccctggc agatcacctg    960
gggctcggtt ttccacgctt ttgccagacc gtttgccgtg ccacactcgg ccatgctgtt   1020
cgtccaggcc ctgctctcgg ggcctctctc cacgcctctc aaccactcgc taggcagtgc   1080
cgtcttcate atgtcctacg ctccggccct caagttctgg gagcgcgact acaacactaa   1140
acgtgtggat cattccaaca cccgcctggt cacacagctg gacaggaacc ctggcgctga   1200
tgacaacaac ctcaactcca tcttctatga gcacttgaca cgttcgctgc agcacacact   1260
gtgtggggac ctggtgctgg gccgctgggg caactatggc cctggtgact gcttcgt     1317

```

<210> 2233  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(715)  
 <223> similar to gi5051630 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2233

```

tcagctcagc ttggcacgag gaaaggtggt cttgtgtgcc ttgtcttttg tttactttgc      60
caaagcattg gcagaaggct atctgaagag caccatcact cagatagaga gaagggttga    120
tatcccttct tcaactgggtg gagttattga tggtagtttt gaaattggga atctcttagt    180
tataacattt gtttagctact ttggagccaa acttcacagg ccaaaaataa ttggagcagg    240
gtgtgtaatc atgggagttg gaacactgct cattgcaatg cctcagttct tcatggagca    300
gtacaaatat gagagatatt ctcccttctc caattccact ctacagcatc ctccgtgtct    360

```





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<400> 2239

```

cggacgcgtg ggccgagacc cgccattgga cggctctgac ttttgctgtg ttgcatggac    60
atattcctgt agttcagctc ctccctggatg ctggggccaa ggtggaaggc tcagtggagc    120
atggcgagga gaactactcg gaaacacccc tccagctggc agctgctgta ggaaattttg    180
agctggttag tttgctgttg gagcgtggtg ccgatcccct gataggaacc atgtacagga    240
atggaatttc tacaaccccc cagggtgata tgaactcttt cagccaggct gcagcccacg    300
gacacaggaa tgtgttccgc aaactgctcg ccagccaga gaaggagaag agtgatatcc    360
tgtccctgga ggagattctg gccgagggga ctgacctggc ggagacagcc ccgccccct    420
tgtgcgccag ccgcaacagc aaggccaaac tgagggccct gagggaggcc atgtatcaca    480
gcgctgagca tggctacgtg gatgtcacia ttgatatacag gagcataaggc gtcccgtgga    540
ctctgcacac gtggctggag tctttgcgga tcgccttcca gcagcaccgc aggcctctca    600
tccagtgttt gttaaaggag tttaagacca ttcaggagga ggaatacacg gaggagctcg    660
ttaccaagg cctgccccct atgtttgaga tcctgaaagc gagcaagaat gaagtgatca    720
gccagcagct gtgcgtcatc ttcacacact gctacgggcc ctacccccatc cccaagctca    780
cagaaatcaa acggaaacag acctcgcgct tggatcctca ttttcttaac aataaagaaa    840
tgtctgatgt tacatttctg gtagaaggaa gaccatttta tgctcacaaa gtgctgttat    900
ttacagcctc tccaagggtc aaagcactcc tctccagcaa gccgacaaat gatggcacct    960
gcatagagat tggttatgtg aaatactcca tc                                     992

```

<210> 2240

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(418)

<223> similar to gi4185940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2240

```

ggtcgaccca cgcgtccgca tctatacact tgtattaaact ccacttttga ctccaggaaa    60
agtgtaatgt tggttcgagc tcaagaagga atctggattc cgataacttt acctagacct    120
tgggaatcct cccctcaac acatttaatt aatgaagtgg tacaacgaat tctaaaaaga    180
tctaagatat ttgttttcac tttaatcgct gttatcatgg gcctaattac agtcactgca    240
atggccacca ctgctggaat ggcattacac cagtccattc aaacggctca ttttgttaat    300
gattggcaag ccaattccac ccaaattgtg aattctcaac aaggcatcga tcaaaaattg    360
gcaaatcaaa ttattgattt aagacagtct gttatttggc ttggagatcg ggtagtg    417

```

<210> 2241

<211> 196

<212> DNA



094362-01

```
<223> similar to gi3097312 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```
ggcacgagtt cttacctctg aagacaatgt taggaccaag atatgatagt caagttgctg      60
aagaaaatcg gttccatccc agcatgctct caaattacct aaagagccta aaggtaagaa     120
acaaaattta tttttgtcac tgatttaata tactttgttc agtcttggtc ttcaggtggc     180
ttttaaaaaa atctta                                     196
```

<223> similar to gil304189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

ctcaaccctt	gaaccactac	ttcatctgct	cttctcataa	cacctaccta	gtgggggacc	60
agctttgtgg	ccagagcagc	gtcaggggat	atatacgggtg	cagtgggtgg	agagaagggg	120
tccaactcat	gagagggacc	atgtagaaaa	gtgaggggag	ctgtcagtgt	ctaacagatt	180
gggacagtgt	tgtgggggtt	taggggctga	ggagccctgg	ataccagaga	cacttggagg	240
agatattgaa	gactgggtgg	agaatggtaa	tgaacccta	tgggtcaatg	gaacttctct	300
ttcacaaagt	atgaaactct	cctggaactc	agaggccctg	acagatttat	atttaacaaa	360
ttaataaaca	gattgttaaa	tgggaaggcaa	tagagaatag	gagttaaaaa	tataggttct	420
ggagtcagac	catctgaaat	tatatcctag	ctccttcact	tggtactctg	gggctaagta	480
tttaacttct	atacctcagt	ctccccatct	gtgaaacagg	gatggtaaca	gtgcctattc	540
tgtctgggtt	gttgtgaaga	gataattcat	atgtcaatag	ctaataagca	gttctgattt	600
tattgtgact	aatcatggat	tagattgaat	agtcaagata	tctttctatt	accagcaact	660
gaactagtag	cttcaaggga	tacaaagatg	agtggaaacat	atagtttcca	ccttaagaag	720
tctagctgag	gaattaaagg	gtaanattta	ctcagcgggt	gaataacccg	gatgttgat	780
agggatataa	agccagaaac	acannnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnncag	cacgggagaac	gtttggaccc	cgaatttgga	acaagctggg	caccattggg	900
gagccgtttg	cccaaaaggc	cgaattcccc	ggctggggta	ggtggtttag	taccacgctt	960



```

<400> 2244
tttttttttt ttgatgcttg cagagcaact cccaataact tgatcttcaa gacgggaatt    60
acttctgatt acactctgag aatatctgtc atctgccttt gacaccttat aagttgattc    120
ttgagcatta atttctccat cagatagcct ttgggttgat gactcaagag atgcttgtgg    180
ctgcaacacc tgtaactctt gcattgggaa aaccatcttc ttgctttgaa gatggataca    240
catctgagtc aagctttctt tcagcataag actttgggtc aggggaagtt atgttatattt    300
gtaatgtctg acaatgagta gaggatgcaa aagatgatga ctggacagca ggcaaaaact    360
tctgggactg gggagatgat gactcttgag tctgaacatt ttgggaagaa tgcatagaaa    420
tataattctg ggtcgggcta gagtctggca aattctgagc ccgagaggca gaagaataag    480
aaagagaagg ggctgttaat gttagggact cccctgaagc atagctttct gaaagactaa    540
caactgacaa aacttgtgat tgagatgaat agctaacctg tgtctggcta actggtgata    600
aaccctgaga gtgaccagat gagtaacttt gagactgact tactgaagac agatctcttg    660
tttgagcagg gtaattctca ttgttaactg aagacaatac ctcttgctga ttagatgaat    720
aattaagcgt ctgattttca ggagttatag tctgagatga ccagaaaaa gtcaatgttt    780
tatacaaggg tggcaattt                                     799

```

```

<210> 2245
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (46)...(423)
<223> similar to gi487785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2245
atcatgtnnn nnnatgatat tccttggtcg acccacgcct ccggtggaaa aacctttatt    60
ttccattcaa gttttcgaag acacatggta atgcacagtg gggatggaac ttataaatgt    120
aaattttggg ggaaagcctt ccattctttc agtttatatc ttatccatga aagaactcac    180
actggagaga aaccatatga atgtaaaca tgcggcaaat cctttactta ttctgctacc    240
cttcaaatac atgaaagaac tcacactggg gagaagccct atgaatgtag caaatgtgat    300
aaagcatttc atagttctag ttcctatcat agacatgaaa gaagtcacat gggagagaag    360
ccttatcaat gcaaagaatg tggaaaagca tttgcatata ccacgtctct tcgtagacat    420
ga                                                    422

```

```

<210> 2246
<211> 658
<212> DNA
<213> Homo sapiens

```



<210> 2248  
 <211> 620  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (82)...(453)  
 <223> similar to gi3329636 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2248  
 tttcgtggcc ggtcgggcag cgctgcggga gcagccgccg gcaccgccgc cttgcacccat 60  
 cgcacatcatgt ccgggcagct ggagcggtgc gagcgcgaaat ggcacgagct ggagggagaa 120  
 tttcaagaac tgcaggagac gcacaggatc tacaagcaga agctggagga gctggctgcg 180  
 ctgcagacgc tgtgtagcag ttccatcagt aagcagaaga agcacctcaa ggacttgaag 240  
 cttacactcc agaggtgcaa acgccatgcc agtcgggagg aggcggagct cgttcagcag 300  
 atggcagcga acatcaagga gcggcaggac gtcttcttcg acatggaggc ctacctgccc 360  
 aagaagaacg ggctctactt gaacctgggtc ctcggcaatg tgaacgtgac cctcctcagc 420  
 aaccaggcca agttcgcta caaggacgaa tatgagaagt tcaagctcta cctgaccatc 480  
 atcctgctcc tgggtgccgt ggcacgtcga tttgtccttc actacagggt gactgacgaa 540  
 gtcttcaact tcctgctggt gtggtattac tgcaccctga ccattcggga gagcattctc 600  
 atcagcaacg gctcaagaaa

<210> 2249  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (181)...(757)  
 <223> similar to gil262142 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2249  
 tttcgtgcga gaggttggtg ggtgtctccg gccacaatga cccaggctga gaaggggtgat 60  
 acggagaacg gaaaggagaa gggcggcgag aaggagaagg agcagcgcgg cgtgaagcgg 120  
 cccatcgtgc ccgcgtggt gccggagtcg ctgcaagagc aaatccagag caacttcac 180  
 attgtcatat atccagggtt aacaacttta aggattggtc gagccacaga cactcttct 240  
 gccagcattc ctacagtcac tgcgggaaga cacaacaac aagggcagcc cctatacaag 300  
 gacagttggc tcctaaggga gggactaaat aaaccagaaa gtaatgaaca aagacaaaat 360  
 ggccttaaaa tgggtggatca agcaatatgg tctaaaaaga tgtccaatgg tacaagacgc 420  
 attcctgtgt cccctgaaca ggcacgctcc tacaataagc agatgcgacc tgcaatttta 480

```

gatcactgtt cggaataa gtggacaaat acatctcatc accctgagta tttagtagga 540
gaagaggcct tgtatgttaa tccactggac tgttacaata ttcactggcc tatcagaaga 600
ggtcagttaa atattcaccc aggccctggg ggctctctta cagctgttct ggcagatatt 660
gaagtaatat ggtctcatgc gatacaaaaa tacttggaat tcccactgaa agatttaaag 720
tattatagat ggatcttggt aattcctgat atctat 756

```

```

<210> 2250
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(430)
<223> similar to gi4426629 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2250
cgctggacaa ggacacggga ctcatcatgc tgattgccag gctggactat gagctcatcc 60
agcgcttcac cctgacgatc attgcccggg acggggggcg cgaggagacc acaggccggg 120
tcaggatcaa tgtgttgat gtcaacgaca acgtgcccac cttccagaag gatgcctacg 180
tgggtgctct gcgggagaac gagccttctg tcacacagct ggtgcggtc cgggcaacag 240
atgaagactc cctcccaac aaccagatca cctacagcat tgtcagtga tctgcctttg 300
gcagctactt cgacatcagc ctgtacgagg gctatggagt gatcagcgtc agtcgcccc 360
tggattatga acagatatcc aatgggctga tttatctgac ggtcatggcc atggatgctg 420
gcaaccc 427

```

```

<210> 2251
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (220)...(624)
<223> similar to gi5923786 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2251
tttcgtgtga gggagagccg agggaaaccag cgcgggtgcct agcgggaactc cagggctgga 60
atcccagagac acaagtgcac ctgctagctg ttagcacttg gcagacggag ttctcctcta 120
gggtagttct aactttgggt aataatgttt gtcagctacc tgatattaac attgctccac 180
gttcaaacag cagtgttagc aagacctggg ggagagagca ttggctgtga tgactactta 240

```



```

gagtctctac caccggtcca gtttgactgg agtagcagtg gccttactaa cccttttagat 1800
ggtgtggatc cggagttgta tgagttaaca acttctaagc tggaaatctc cacctcaagc 1860
ctcaaagtga ctgatgcatt tgcaagactc atgtctacag tagagaagac aagcacatct 1920
accagtagga aaccgaaaag agaagagcac ctaagtgaag aagctatcaa ggtgatcgct 1980
ggccttcctg acttaacatt catgcatgcc aaggtgttga tgttcccagc cacgttaaca 2040
ccttccacaa gctctcaaga aaaagcagac ggataactga tgtgaattgg acagtttcta 2100
ttgcttttcc ttttttccat cccttcctta ccatcaaaag catacctgct ctaattaaaa 2160
aaaaaa 2166

```

```

<210> 2253
<211> 803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(801)
<223> similar to gi4138207 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2253
aagctgtgga gtgagacctt cgatgtgtgc gtcaatcaga tgcttacatc caaggaaatc 60
aaacgtcagg aggcgatctt tgagctttcc caaggagaag aagacttgat agaagacttg 120
aaattagcaa aaaaggccta tcatgacccc atgctgaaac tctccataat gacagaacaa 180
gagttgaatc aaatTTTTTgg aacactggac tctctaattc ctctacatga agagctcctt 240
agtcagcttc gagatgttag gaagcctgat ggctcgactg aacatgttgg tcccatcctc 300
gtgggctggc tcccttgccct cagctcctat gatagctact gcagcaatca agtagccgcc 360
aaagctctgc tggaccacaa aaagcaagat caccgagtc aggatttcct acagcgatgt 420
ttagaatccc ccttttagccg caaactagat ctctggaatt tcctcgatat tccaagaagc 480
cgctgtgtaa aataccctct gcttctccga gaaatcttga ggcacacacc aaatgataat 540
ccagatcagc agcacttgga agaagctata aatatcattc aggggaattgt ggcagaaatc 600
aacaccaaga ctggtgaatc tgaatgccgc tattataaag agcggcttct ttacttggaa 660
gaaggccaga aagactccct gatcgacagc tctcgagtct tgtgttgca tggatgaactg 720
aagaacaatc ggggctgtga actgcatgtt ttctgttcc aagaagtgtc tgtgatcact 780
cgagccgtca cccacaatgt att 803

```

```

<210> 2254
<211> 704
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (11)...(565)
<223> similar to gil504016 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```





<220>  
 <221> misc\_feature  
 <222> (10)...(421)  
 <223> similar to gi5815459 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2256  
 atttcaggag ggaccagaag cgcaggccccg ctcaggagga attacaactt catcgccgcg 60  
 gtggtggaga aggtggcgcc atcgggtggtt cacgtgcagc tgtggggcag gaaccagcag 120  
 tggattgagg tgggtgctcca gaatggggcc cgttatgaag ctgttgtcaa ggatattgac 180  
 cttaaattgg atcttgcggt gattaagatt gaatcaaatg ctgaacttcc tgtactgatg 240  
 ctgggaagat catctgacct tcgggctgga gagtttgtgg tggctttggg cagcccattt 300  
 tctctgcaga acacagctac tgcaggaatt gtcagcacca aacagcgagg gggcaaagaa 360  
 ctggggatga aggattcaga tatggactac gtccagattg atgccacaat taactatggg 420

<210> 2257  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(393)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (29)...(262)  
 <223> similar to gi688412 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2257  
 cgaccctggg atcttctctg tgtgggcagt accaccctgg gcactgatcg ccattgctgt 60  
 ggttgctggg ctctgcttc tcacctgctg cttctgcac tgcaagaaat gctgctgcnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnngcaa aggcattgaag aatgccatga acatgaagga 180  
 catgaaaggg gggtcaggtag ggcacattgg ttgtgagggg gactggaagg ggctcagccc 240  
 aggctttcct gatgctgaaa ggggaagcaa aggctcctgg gcttccacag ccaaacctgc 300  
 tccctcctt aaaacttggc tctctcagtt acatctctag tataacaccg tctacctgga 360  
 ggcccctggg aggggggggc cttattcctg tg 392

<210> 2258  
 <211> 399  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(402)

<223> similar to gi5640017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2258

cccacgcgtc	cgcttttgaa	tgtactgaat	gtgggaaatc	attcagctgg	agctcccatc	60
ttattgcccc	tatgagaatg	catactggag	agaaaccctt	taaatgtgat	gaatgtgaaa	120
aagcttttag	ggactactca	gcccttagta	aacatgaaag	aactcattct	ggagcaaaac	180
catataaatg	tactgaatgt	ggaaaatcct	tcagctggag	ctcccatctt	attgcccac	240
agagaactca	cacgggagag	aaacatata	actgtcagga	atgtggcaaa	gcattcagag	300
aacgctcagc	cctcactaaa	catgagataa	ttcattctgg	aattaagccc	tatgaatgta	360
ataaatgtgg	aaaatcctgt	agccagatgg	ctcaccttg			399

<210> 2259

<211> 1057

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(624)

<223> similar to gi4678722 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2259

cccacgcgtc	cgagaactca	aagaaattct	ggataggaaa	gggcatttct	cagagaatga	60
gacaagggtg	atcattcaaa	gtctcgcatc	agctatagca	tatcttcaca	ataatgatat	120
tgtacataga	gatctgaaac	tggaaaatat	aatgggttaa	agcagctcta	ttgatgataa	180
caatgaaata	aacttaaaaa	taaagggtgac	tgattttggc	ttagcgggtga	agaagcaaag	240
taggagtga	gccatgctgc	aggccacatg	tgggactcct	atctatatgg	cccctgaagt	300
tatcagtgcc	cacgactata	gccagcagtg	tgacatttgg	agcataggcg	tcgtaatgta	360
catgttatta	cgtggagaac	cacccttttt	ggcaagctca	gaagagaagc	tttttgagtt	420
aataagaaaa	ggagaactac	attttgaaaa	tgacgtctgg	aattccataa	gtgactgtgc	480
taaaagtgtt	ttgaaacaac	ttatgaaagt	agatcctgct	cacagaatca	cagctaagga	540
actactagat	aaccagtggg	taacaggcaa	taaactttct	tcggtgagac	caaccaatgt	600
attagagatg	atgaagggaat	ggaaaaataa	cccagaaaagt	ggttgaggaaa	acacaacaga	660
agagaagaat	aagccgtcca	ctgaagaaaa	ggtgaaaagt	taccaaccct	ggggaaatgt	720
ccctgagacc	aattacactt	cagatgaaga	ggaggaaaaa	caggtaggaa	gaatcattgc	780
tgcatcttct	ccaagtgtaa	aataccctca	ccacacctgg	aacatttttt	tgcaaatctg	840
tctttttgtt	gttagtttgt	aacaaaggcc	gagcgttata	tagcaagtaa	agttctttct	900
gccttataag	gctagcatga	tttagcgagg	tggcctacat	gtttatttta	agggttggtga	960
ttatgtaggg	caggtgtctg	caaacttttt	ctgtaaggga	acaaacagta	aatatttttag	1020
gctttgtggg	ccctagtagt	ctttgtcaca	actactc			1057

<210> 2260  
 <211> 1815  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (272)...(1475)  
 <223> similar to gi4589512 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

094832.0105228460

<400> 2260  
 atatcggagg aatcccagaa tatagatata gcttaaattt tgtcttacia agtcagcact 60  
 tattggttat tcattgttgc gtgttctcaa aggccttgag tcaactgtct ctactcagtt 120  
 aaatactatt tggacttgct ccttatgggt tcaagcacia ttattacaat atttggggct 180  
 tacaaaaatt ttatttataa ctagctttta atttaactag atattgtaaa aattggaaat 240  
 ttggaatatt catttctttg tcctgttgta ggtggcgctc tgttttccga atagtgaccc 300  
 tgtgatgttc atggatgcat tttatgggtg tctcctggca gagctgggtc ctgtcccat 360  
 agaagtgcc aacaagaa aggatgcagg cagccagcag gttgggtttc tgctgggcag 420  
 ctgtggagtc ttcttggccc tgaccacaga cgcttgtag aaaggcctcc ccaaggcaca 480  
 gacaggagag gtggcagctt tcaaagggtg gccccgcctc tcctggctag tgattgatgg 540  
 gaagcatcta gccaaagccc caaaggactg gcacctctg gccaggaca cagggactgg 600  
 gactgcctac attgagtata aaaccagcaa agaaggcagt acggtggggg tcacagtgtc 660  
 ccacgcatcc ctgctggcac agtgccgggc tctgacctag gcgtgcgggt actcagaagc 720  
 tgaacatta acaaactgtc tggatttcaa aagggatgct ggtctgtggc atggcggtgt 780  
 aacaagcgtc atgaacagga tgcacgtggt cagcgctccc tacgcgctga tgaaggcgaa 840  
 cccactctcc tggatccaga aagtgtgctt ctataaagct cgggcccgcg tggatgaagtc 900  
 gcgagacatg cactggtctc tcctagctca gcggggccag agggacgtca gcctcagctc 960  
 actgcgcatg ctgattgtgg ccgatggtgc caaccctggt tcgatctcct cctgtgacgc 1020  
 ctctctcaac gtcttccagt ccagaggtct gaggccagag gtcactctgt cttgtgcaag 1080  
 ttctcctgag gcgctgactg tcgccatccg caggccacct gatctgggag gaccacctcc 1140  
 aagaaaagca gtcctgtcga tgaacggtct aagttatggt gttatcagag tggatactga 1200  
 agaaaagtgt tcagtcctta ctgttcagga cgttggtcag gtgatgcctg gagctaattgt 1260  
 atgtgttgtg aagttagaag gtacccctta tctttgtaaa actgatgaag tgggagaaat 1320  
 atgcgtcagt tccagtgcaa ctggcacagc gtactatgga ttgcttgga tcacgaagaa 1380  
 tgtgtttgag gcagttccgg tcaccacagg aggagcacc atctttgaca ggccattcac 1440  
 caggacaggc ctgctgggct tcacggggcc tgtgagtatg tcctcctgta ccagcactgg 1500  
 cagtcagaga aggtaggggg tgtggctaag ggacacctcg ttgcagcccc acccttgtcc 1560  
 tggccgttcc tgacctcca tgtggccttg gtcgggtggcg ttgacctccc tgcccatcac 1620  
 cctacctgtg tgcaggcca tcacacctc cgagactggt gcacagtcct gcacacatgg 1680  
 cctgagtcgg ggggtcccg ggtggatgag gatgttttg ttttatatg gagtggcagg 1740  
 tttgtgagta ttcattatat cattctttac ctttttgat gtctaaacta ttcaaaaata 1800  
 aatgcttcta tttgt 1815

<210> 2261

<211> 833  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (553)...(684)  
<223> similar to gil765919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2261  
tttcgtttcc gttgcaaagc atttctggga gctgcatgtg ggtgacgcag cagcattggt 60  
cgcaggcaca ggaagccgcg gctgagctga agggctcgag aaggagccca gagcgctgca 120  
cgctgctccc tctgggtagt ctgaagggtc agagctggac tgccctgccc tatgtgctct 180  
gggagattcc agaataattca agtaaattccg gattttccca gaggcagaat atctaactcc 240  
ttcaggagaa cttccagtag agaaaacaaa acaaagacgc tggggaaact tcaccaagag 300  
cctcggcagc tccagagcga cgggaaacga aagattttgc tggaggagct tgccaacagc 360  
gatcccaagt tagccctcac tggagtccct atagtacagt ggccaaaaag ggataagctt 420  
aaattcccca ctccggccaaa ggtgcggggt cctaccatcc ccattacgaa gcctcacact 480  
atgaaaccag ctccacggtt aacacctgtg aggccagctg ctgcctcccc gatttgtgtca 540  
ggagccagac ggagacgagt gcgatgtcga aaatgcaaag cctgtgtgca aggagagtgt 600  
ggtgtttgcc actactgcag agacatgaag aagtttgggg ggccctggacg catgaagcag 660  
tcctgtgtcc tccgacagtg cttggcagtg agtgatctgc tgggtaaaga attttgggga 720  
ggggtggcag tgccaaagga actgaaatac atatagtgtg gagttaaaga gccttcagag 780  
ttggaaagaa aaggtttata ctctcttttt ggctttatnt tgtacctttt ttc 833

<210> 2262  
<211> 467  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(468)  
<223> similar to gi5918159 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2262  
ttgagtatta gtgtcagtga tgtgtctctc tctgatgaag gacagtagac ctgttcttta 60  
tttacaatgc ctgtcaaaac ttccaaggca tatctcaccg ttctgggtgt tctgaaaag 120  
cctcagatta gtggattctc atcaccagtt atggagggtg acttgatgca gctgacttgc 180  
aaaacatctg gtagtaaacc tgcagctgat ataagatggt tcaaaaatga caaagagatt 240  
aaagatgtaa aatattttaaa agaagaggat gcaaatcgca agacattcac tgtcagcagc 300  
acactggact tccgagtggg ccggagtgat gatggagtgg cggatcatctg cagagtagat 360  
cacgaatccc tcaatgccac ccctcaggta gccatgcagg tgctagaaat gcactataca 420  
ccatcagtta agattatacc atcgactcct tttccacaag aaggacg 467

```
<210> 2263
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(542)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2263						
aaccttataa	atgtaacgaa	tggggcaagg	tcttcactct	taattcacac	cttgtaagac	60
atcgaggaat	tcatactgga	gagaaacctt	acaagtgtaa	tgagtgtggg	aaagccttta	120
gagctcgttc	aagcttaact	atccatcagg	caaccacag	tggagaaaaa	ccttacaaat	180
gtaatgaatg	tggcaaggtc	ttcactcaaa	attcacacct	tacaaatcac	tggagaattc	240
acactggaga	gaaaccttac	aagtgtaatg	agtgcggcaa	agcctttggt	gttcgttcaa	300
gcctagctat	tcacttgga	attcacaccg	gagaaaagcc	ttacaaatgt	catgaatgcg	360
gcaaggctct	taggcgtaat	tcacaccttg	caaggcatca	gctaattcat	actggagaga	420
aaccttataa	gtgtaatgag	tgtggcaaa	cctttatagc	acattcaaac	ctaactacc	480
atcaggctat	ccatactgga	gaaaagcctt	acatatgtac	tgaatgtggc	aaaggccttc	539

<400>	2264						
aagaagatgt	ttgcttcata	gtcttgaata	gtaaagaagg	ctcaggtctg	ggattcagtg		60
tggcaggagg	gacagatgtg	gagccaaaat	caatcacggt	ccacaggggtg	ttttctcagg		120
gggcggcttc	tcaggaagg	actatgaacc	gaggggattt	ccttctgtca	gtcaacggcg		180
cctcactggc	tggcttagcc	cacgggaatg	tctgaagggt	tctgcaccag	gcacagctgc		240
acaaagatgc	cctcgtggtc	atcaagaaag	ggatggatca	gcccaggccc	tctgcccggc		300
aggagcctcc	cacagccaat	gggaagggtt	tgctgtccag	aaagaccatc	cccctggagc		360
ctggcattgg	gagaagtgtg	gctgtacacg	atgctctgtg	tgttgaagtg	ctgaagacct		420
cggctgggct	gggactgagt	ctggatgggg	gaaaatcatc	ggtgacggga	gatgggccct		480
tggtcattaa	aagagtgtac	aaaggtggtg	cggctgaaca	agctggaata	atagaagctg		540

```
gagatgaaat tcttgctatt aatgggaaac ctctggttgg gctcatgcac tttgatgcct 600
ggaatattat gaagtctgtc ccagaag 627
```

```
<210> 2265
<211> 416
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(417)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (3)...(338)
<223> similar to gi3046551 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2265
ggtacaacca gaaagtggat ctcttcagcc tgggaattat cttctttgag atgtcctatc 60
accccatggt cacggcttca gaaaggatct ttgttctcaa ccaactcaga gatcccactt 120
cgcctaagtt tccagaagac tttgacgatg gagagcatgc aaagcagaaa tcagtcattc 180
cctggctggt gaaccacgat ccagcaaaac ggcccacagc cacagaactg ctcaagagtg 240
agctgctgcc cccaccccag atggaggagt cagagctgca tgaagtgctg caccacacgc 300
tgaccaacgt ggatggaaag gcctaccgca ccattgatgg gccagatct tttcggcagc 360
gcatctcccc tgccatcgnt ttacacctat gaccagcgac atattgaagg gcaact 416
```

```
<210> 2266
<211> 926
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (4)...(810)
<223> similar to gi849186 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2266
atagaaacta gttctgaaga tgaagatgat acggcagatt tgtttccaga agaactctggt 60
tttgagcatg cttggagaga attagataaa gatgctcctc gtgctgatga gattacacgt 120
cgattagcag tttgtaacat ggactgggat agattaaagg caaaagattt gctggctctg 180
```

ttcaattcat	ttaaacccaa	aggaggtgta	atattttccg	tcaagatata	tccttcagaa	240
tttggaagg	agaggatgaa	ggaagagcaa	gttcaaggac	cagtagagct	attaagtatt	300
cctgaagatg	ccccagaaaa	agactggacg	tctagagaaa	aattgagaga	ttatcaattc	360
aaacgactga	agtactatta	tgcagtagta	gactgtgatt	ctccggaaac	agctagtaaa	420
atztatgagg	attgtgatgg	cctggaattt	gaaagtagtt	gttctttcat	agatctaagg	480
tttataccag	atgatattac	ttttgatgat	gagcctaagg	atgtagcctc	agaagtgaat	540
ttaacagcat	ataaaccaaa	atatttcact	tctgctgcaa	tgggaacatc	aacgggtggaa	600
atcacttggg	atgagactga	tcatgaaaga	attacaatgc	tcaacaggaa	gtttaaaaag	660
gaagagcttt	tggacatgga	ttttcaagcc	tacttagctt	cctctagtga	agatgaagag	720
gagacagaag	aggagctaca	aggtgatgat	ggagtcaatg	tagaagaaga	tgggaaaaca	780
aagaaaagtc	agaaggatga	tgaagaacaa	attgctaaat	acaggcagct	cttgtaggtt	840
attcaagaaa	aaaaaaaaaa	agggggggcc	gttttaaaga	atcaagggtt	acttacgcgg	900
gctggcgagg	tcatactttt	tttatg				926

<210> 2267  
 <211> 763  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (238)...(764)  
 <223> similar to gi2689444 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2267	
aaccggtgtg	gtggaattcg
tttattttctg	ctagcagccc
gtgctgcctc	ctcacaccaa
tgttggcatg	gagccgaggc
agttcaaaca	ttcagcaaca
cagggcaggg	tcccagtttt
agcagggagg	ttgggaaggc
cacacaggag	agaagtcaca
aggcattaca	aatgcagtga
caccagagac	tacatgctgg
agagatatgt	ccaacctttt
tgtagtaact	gtggaaaatc
cacactggag	aaaagccttt
cactgcacag	caggcccttc
ttactgggtg	tgttagacac
tacttcttca	acatttatct
cctgagcaga	ttgcttctgt
agaaaccctt	aaaaagacaa
tatcagagaa	gtccttgcaa
ttctcaagca	ccaggtgact
aggcctttca	tgctggaaaa
agaaatattt	acttgttcag
gtgaatgtgg	gaagtatttt
ctggagaaaag	gccttacggg
tcattgaaca	ccagagagtt
gaatgtggaa	aag
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	763

<210> 2268  
 <211> 973  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (2)...(507)  
 <223> similar to gi435776 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2268

tgatcatagga	aagaaaacaa	atagaggaag	aagatctaata	catataccag	aggaagagtc	60
ttcatcatcc	tccagtgatg	aagatgagga	tgataggaaa	cagattgatg	agctactagg	120
caaagtgtga	tgtgtagatt	acattagttt	ggataaaaag	aaagcactgt	ggtttcctgc	180
attggtggtt	tgtcctgatt	gtagtgatga	gattgctgta	aaaaaggaca	atattcctgt	240
tcgatctttc	aaagatggaa	aatttacttc	agttccaaga	aaagatgtcc	atgaaattac	300
tagtgacact	gcaccaaagc	ctgatgctgt	tttaaagcaa	gcctttgaac	aggcacttga	360
atttcacaaa	agtagaacta	ttcctgctaa	ctggaagact	gaattgaaag	aagatagctc	420
tagcagtga	gcagaggaag	aagaggagga	ggaagatgat	gaaaaagaaa	aggaggataa	480
tagcagtga	gaagaagtaa	gtgaaaacag	ttgatacctt	ttaaaattat	aaataacagt	540
tgggtttccc	ttgtgggtta	ggatttggca	ttaagtcatt	actcatataa	gtatttttag	600
tatgagaaat	atttcataat	cttgatattg	agatcctcat	aatcagatag	tttacttggt	660
tacttttagat	atatgatctt	gtgaaataga	aaatattaag	cctgattttc	ctaataacct	720
caaaaacatg	tcttagtctt	cctatgcttt	ttttaatgag	atgattaaga	aagtatccac	780
caggctgggc	gcagtggctc	aggcctgtaa	tcccagcact	ttgggaggcc	aaggcaggcg	840
gatcacgagg	tcaggagatc	gagaccatcc	tggctaacac	agcgaaaccc	cgtctttact	900
aaaaatacaa	aaaattagcc	gggggtggtg	gtgggcacct	gtagtcccag	ctactcggta	960
ggctgagacg	aaa					973

<210> 2269  
 <211> 817  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (74)...(816)  
 <223> similar to gi6018810 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2269

agggtcctag	cacagtgtct	gacggagctt	tcctaccaga	ccctgaaatt	cacgcatcag	60
gcgcgggaag	cggatatatc	atacagcaaa	tgctttggag	caagaaacta	aactgggggt	120
acgacggttt	gaagtgtgtg	acaacattga	tcttgaaact	atatttgatg	aatatgagag	180
ttattatttt	gtaaaatttc	agaaataccc	caaaattgtc	aaaaagtcac	cagacacagc	240
agagaataat	ttaccgcaaa	gaagtagagg	gaagaccaga	aggatgatga	acgacagttg	300
tcaaaatctt	ccaagatca	atcagcagag	gccccgggtc	aaaaccacag	cggggaagac	360
aggggacacc	aatcgctca	ataaggagca	tcctaatacag	gaggtagttg	ataacactcg	420
cctggaaagt	gccaacttcg	gcctacatat	atcaagaatc	cgtaaagaca	gtggagagga	480
aatgcccac	ccacgaagag	gccaatcat	tgacttccaa	gggctgctca	cagatgccat	540
caaggagagca	accagtgaac	ttgccttgaa	caccttcgac	cataatccag	accctcaga	600
acgactgctg	aaacctctga	gtgcatttat	tggcatgaac	agtgagatgc	gagaattggc	660



```

<400> 2271
ggaccaggac tacaagtacg acagtacctc agacgacagc aacttcctca accccccag 60
ggggtgggac catacagccc caggccaccg gacttttgaa accaaagatc agccagaata 120
tgattccaca gatggcgagg gtgactggag tctctgggtc gtctgcagcg tcacctgcgg 180
gaacggcaac cagaaacgga cccggtcttg tggctacgcg tgcactgcaa cagaatcgag 240
gacctgtgac cgtccaaact gcccaggaat tgaagacact ttaggacag ctgccaccga 300
agtgagtctg cttgcgggaa gcgaggagtt taatgccacc aaactgtttg aagttgacac 360
agacagctgt gagcgctgga tgagctgcaa aagcgagttc ttaaagaagt acatgcacaa 420
ggtgatgaat gacctgccc gctgcccctg ctccctacccc actgaggtgg cctacagcac 480
ggccgacatc ttcgaccgca tcaagcgcaa ggacttccgc tgggaaggacg ccagcgggcc 540
caaggagaag ctggagatct acaagccac tgcccgggtac tgcattccgct ccatgctgtc 600
cctggagagc accacgctgg cggcacagca ctgctgctac ggcgacaaca tgcagctcat 660
caccaggggc aagggggcgg gcacgcccac cctcatcagc accgagttct ccgcgagct 720
ccactacaag gtggacgtc 739

```

```

<210> 2272
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(373)
<223> similar to gi3169113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2272
gaagtcagac aaggctcaga gtggacccta caatgttgag aaggaaatcc ttacttcaag 60
attcttgctg gacactgaga cctgtcgaca gaattttagg aattttccat acccagacct 120
ggctggctct cgaaaggcat tgagtcaact ccgagagctc tgccttaagt ggctgagacc 180
tgagattcac tcaaaggaac aaattttgga gctgctggtg ctggagcaat tcctgacct 240
cctgcctggt gaggttagga cttgggtaaa gtcccagtat ccagagagca gcgaggagc 300
agtgactctg gtggaggatt tgactcagat tctagaagag gaagctcctc aaaactctac 360
cctttcccaa gatacccaa aggaagacct caaaggaaac aagctttcca gacaggatgg 420
ctaatgaat ttgtgaccac 440

```

```

<210> 2273
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(613)
<223> similar to gi2384711 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2273  
ggaatcggaa gaaaatggag agagtgcatt ggacagcaca gtggccaaaag aaggcactaa 60  
tgtaccatta gttgctgctg gtccttgtga tgatgaaggc attgtgacta gcacaggcgc 120  
aaaagaggaa gacgaggaag gggaggatgt tgtgactagt actggaagag gaaatgaaat 180  
tgggcatgct tcaacttgta caggggttagg agaagaaaagt gaaggggtct tgatttgtga 240  
aagtgcagaa ggggacagtc agattggtac tgtggttagag catgtggaag ctgaggctgg 300  
agctgccatc atgaatgcaa atgaaaataa tgttgacagc atgagtggca cagagaaagg 360  
aagtaaagac acagatatct gctccagtgc aaaagggatt gtagaaagca gtgtgaccag 420  
tgcagtctca ggaaaggatg aagtgcacac agttccagga ggttgtgagg gtcctatgac 480  
tagtgctgca tctgatcaaa gtgacagtca gctcgaaaaa gttgaagata ccactatttc 540  
cactggcctg gtcgggggta gttacgatgt tcttgtatct ggtgaagtcc cagaatgtga 600  
agttgctcac a 611

<210> 2274  
<211> 675  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (203)...(575)  
<223> similar to gi5824904 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2274  
tccgcgattc cgtctggata tgtggcggct gctgctagag ctggagcatt tgccgggttg 60  
ggggctcctg cacattttta cagtcctcca gtccttctct ttcgtcagta taaaagatta 120  
aactctacag aagaatgcaa tcaagtgatg gcttttcctt tagaatttga atatggaggc 180  
tacaggaaca gatgaagttg acaagctaaa aaccaaattt atatctgctt ggaacaacat 240  
gaaatatagt tgggtgttga aaacaaagac gtatttttagt agaaattctc ctgtattatt 300  
gcttgaaaaa tgttaccatt ttaaatatga agatgaagat aaaacgttac ctgcagagtc 360  
gggatgtaca atagaggatc acgtaattgc aggaaatgta gaagaatttc gtaaagattt 420  
catttctaga atatggctga cctacaggga agaattccct caaatagaag gctcagcttt 480  
gacaacagac tgtgggtggg gctgcacatt gagaactggc cagatgctct tggctcaagg 540  
actcatacta cactttcttg gtagagcttg gacctggcct gatgctttga atattgaaaa 600  
ttcagactct gaatcatgga cttccacac tgtcaaaaat atactggatc tttgagcatc 660  
actttcaggg gaaga 675

<210> 2275  
<211> 872  
<212> DNA



<210> 2277  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (13)...(683)  
 <223> similar to gi53135 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2277  
 cggacgcgtg ggtgcggaca ggccttcac cagaagaccc atttgattgc acaccgaaga 60  
 attcatactg gagaaaaacc atatgagtgc agtaactgtg gcaaatacctt catttccaag 120  
 tcacaacttc aggtacatca acgtgttcac acaagagtga agccctatat atgtaccgaa 180  
 tatgggaagg tcttcagcaa taattccaac ctcatcacac ataagaaagt tcaaagtaga 240  
 gagaaatcct ccatatgtac tgagtgtggg aaggccttta cctacagggtc agagttgatt 300  
 attcatcaga gaattcacac tggagagaaa ccttatgaat gcagtgactg tgggagagcc 360  
 ttcactcaga agtcagcact cacagtgcac cagagaattc atacaggaga aaaatcgtat 420  
 atatgcatga aatgtggact ggccttcac cggaaggcac acttgattac acatcaaata 480  
 attcatactg gagagaaacc ttataaatgt ggctcactgtg ggaaattggt tacttccaag 540  
 tcacaactcc atgttcataa acgaattcac acaggagaaa agccctatgt atgcaataaa 600  
 tgtgggaagg cattcaccaa ccggtcaaat ctcatcacac atcagaaanc tcatacagga 660  
 ggagaaaatc ttgtatatgt tcc 683

<210> 2278  
 <211> 570  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (116)...(554)  
 <223> similar to gi603857 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2278  
 cccacgcgtc cgtctaggtc tgagacacag tctcagtctg agacatggga ctgtgtctag 60

```
gtcagtcgca cccatgagag ggggagagat cactgcacac tggctcttga ccaacagcac 120
aacatctgca gatgtgacag gaagctctgc ttcataatcct gaaggtgtga atgcttcagt 180
gttgacccag ttctcagact ctactgtaca gtctggagga agtcacacag cattgggaga 240
taggagttat tcagagtctt catctacatc ttcctcggaa agcttgaatt catcagcacc 300
acgtggagaa cgttcgacct tggaagacag ccgagagcca ggccaagcac taggtgacag 360
ttccgccaat gcagaggaca ggacttctgg ggtgccctct ctcggcaccc acaccttggc 420
tactgtcact ggaaacgggg aacgcacact gcggtctgtc accctcacca acaccagcat 480
gagcacgact tctggggaag caggcagccc tgcagcggcc atgcaccaag aaacagaggg 540
tgctctctg cacgtaaacg tgacggacga 570
```

```
<210> 2279
<211> 425
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(426)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (425)...(8)
<223> similar to gi562757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2279
gaagtattca ggttggctgt gtcagatgct aatgtgctga atcaacagtc attgcagatc 60
acgaagtgtc catcataact ggaatattcc atcagcttgc agtgctgtgg tgtgtgaggg 120
tctcgggcaa ctcaccccat tttccacagg ctcaggccca ggagggatgc agtccggctg 180
agggcgaggc tgtcaccagg acatggagag ggtgagatcc caaggccacn nnnnnnnnnn 240
nnnnnnagag gcacacactc tctccactat ngaaagaggg gatatgttac tctgacaaa 300
agtcacggcc agagtgtctc ctgttgggct cttaggtatg tgcccgccct ggggggccaa 360
ctgaagaaga agactggcat actattaggt gtgagtcgcc agaagctagt ggatttgtgt 420
gctgg 425
```

```
<210> 2280
<211> 1090
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (112)...(323)
<223> similar to gi5809678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2280
tttttttttt ttaagcttga aataaaattt ttatttttgtt ttgaattaaa tcaaccatga      60
ttattcacag tgcagtaagt gtgtatcatc tgtttgatat ttccatatta cagttttgat      120
agtgtctctt agtctgcgaa atcttctttg ggtggaaatg atgaactgtc agctactttc      180
ttagaaatga aaggacattt ctatatgtat gctggttctc tgctcttgaa gatgggtcag      240
catggtaata atgttcaatg gcgagctctt tctgagctgg ctgcgttggt ctatctcata      300
gcatttcagg taagtcttcc acttgagca attgacattt cacggagtct tgatgtgttt      360
taaatagaag tgtgctctgg tatgtaatga caatatgtga acaaacctgt ggaattaaag      420
ttaaatagaa atagtcaatt tgatacagtg gaaaataact aagcatacac aatactggtg      480
aggctggtga aacagggatg ttgaatgcac tcttgctgaa agcctgcatt gccatgattt      540
gtttgtagac aaatttgaag agtttgatct ttttactctg ccatttttgg gaacatgata      600
aagatgtaat ctctgattat gggtaaagct tgattcaaaa agatgtgtta cttggacaaa      660
atcctaataa gtagacgtag ggcaatggct ttatagccta tgatagaaga atatgattgc      720
aatttaacat gttaattgaa acacatgtat ataacattta tgactgtatt gtgtatatgt      780
aacagtatat ctattaatct ttgaaaacat aaaacctttt cttatttttt atttttttat      840
ttttttttga gaccaagtct ctctctgtcg ccaggctgga gtgcagtggg gtgatctcgg      900
ctcactgcag cctccacctc ctgggttcga gtgattctcc tgcctcagcc tcccagtag      960
ctgggactac agggcccatgc taccaagccc agctaatttt ttgtattttt aatagagatg     1020
gggtttcacc atgttggccca ggatggctgc aatctcttga cctcttgatc tacctgcctt     1080
ggtctcccaa                                     1090

```

```

<210> 2281
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (170)...(406)
<223> similar to gil947073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2281
aaatgagcca tcattgtcat cgaaaaggaa aatgtgtgaa atggccacca gtggtgacag      60
acaaagagac tcagaagtta atttcaagga actgagaaca gcaaaaatga aacctgaact     120
actgagtgga cacatcccc caggccacat tcctaaacct atcgtgatgc ccgactatgt     180
ggcaaaatac cctgtgattc agacagatga tgagcgagaa cgctataaag ctgtgttcca     240
agaccagttt tcagagtaca aagagctgtc tgcagaagtt caggctgtcc tgaggaagtt     300
tgatgagctg gatgcagtga tgagcagatt gccacatcat tcggaaagcc gacaggaaca     360
tgagagaatt tcaagaatcc atgaagagtt taagaaaaaa aaaa                          404

```

<210> 2282



<211> 394  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> similar to gi3924672 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2282  
 acaatgtgta acctctgcc a ggcagtttc cgtacattcc aggctttaaa aaaacacttg 60  
 gaagcaggcc accctgaact gagtgaagct gaacttcaac agctatatgc ctccttgccc 120  
 gtgaatggag aactgtgggc agagagcgaa actatgtccc aggatgacca tggcctagag 180  
 caggaaatgg agagagagta tgaggtggac cacgaaggga aagcaagtcc tgtaggaagt 240  
 gatagtagct gtattccaga tgacatgggc tctgaaccaa agcggacctt accttttaga 300  
 aaagggccca attttacgat ggaaaaattc cttgatccat ctcgtccata taaatgtaca 360  
 gtgtgtaaag agtcattcac ccaaaaaaaaa aaaa 394

<210> 2283  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(153)  
 <223> similar to gi2149156 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2283  
 aaggggaaaa aaatcgggtga ccacgggtggc tggcccatg gccaggacg tggagagcct 60  
 ggcgtgtgc ctgcaagccc tgctgagtga agacatgtac cgactggacc ccactgtgct 120  
 ccagatgccc tttagggagg aggtgaagac cccctttccc acccaggct gcagtgagtg 180  
 agaagccac atgctcagtc cagtttgttt ccttcccctg ctggacacca gctgcttttg 240  
 cttcttggt atctggagcc atagcttgta agtgcccca aagaggcct ccagtgccat 300  
 ataccaacc catgcagtta gaatactcag caagtgtggt tgagagggtg tggcatccag 360  
 ttaagctggg tttttaacc tctaggtaac cctggccaag tcacatctct tctttcagcc 420  
 ttagcctccc catcaataca ataaagaggt taggctggga gat 463

<210> 2284  
 <211> 415  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (261)...(418)

<223> similar to gi1877215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2284

aactggaaga	gagcttttctt	tcttattcag	ccatctctttt	ttatagatga	ggaaattgag	60
gaccaagata	ttaaattatt	tgtcctttgt	taacctaat	ttttaaaaga	tgatcaatta	120
tctgttaggc	ctgtggtatg	caggaatcta	cctattttat	ttggctgtgg	tgcttatgg	180
cagttaggtc	agtgattgca	aatgggcttg	tggtgtctac	tcttagagta	gactggataa	240
actcttctgt	ttgtcaacta	cagcctggca	gtgagctgga	caacttgag	gagattttgg	300
atgatttgca	gaatagtcaa	ttaccacagc	ttttcccaga	cacgaggcca	ggcgcccctg	360
ctggatcagt	tgacaagcaa	gccatcatca	atgacctcat	gcaactcaca	gctga	415

<210> 2285

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(322)

<223> similar to gi3342752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2285

gtcagattgg	ttgtggagaa	tgggctgtgt	ctctgagctg	tttaaaggca	agtcagaggc	60
gtagtgtgta	atgaaatttg	ctctaagtta	acctgtcttc	ttcttttgac	cctccagaag	120
gaattacgga	gatatagaat	tgtgtttcca	gctgctccga	gcctttactg	gtcgttttct	180
ctgcaacatg	acattcttaa	aagagtatat	ggaggaagag	attcccaaaa	attacagcat	240
cgctcagaaa	cgtgccctgt	tctttcgctt	tgtagacttc	aacgacccca	acttcggaga	300
tgaattaaaa	gctaaagtga	gtcccactct	tatgtctgtg	aagggtatgg	gtatttggtc	360
tggttttcta	gggaactttg	ggcccttttc	tttttttgct	gtgtcactct	tgaataaata	420
gtagagttag	ccaggtgctg	tggcatgtgc	ctgtaatccc	aggtaatcag	gaggccacag	480
cgggaggatt	gcttgagctc	aggagttgga	ggctgcaccg	agctataatc	acaccactgc	540
atcccagcat	gggtgacaca	atgagactct	gtctcaag			578

<210> 2286

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (68)...(682)

<223> similar to gi310183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2286

gcaacaccca	tcccaggaaa	agccacaagt	cctgaccccc	agccccagga	agcagaagct	60
gaacagaaaag	tacagggtccc	accatgacca	gatgatctgc	aagtgcctct	ccctgagcat	120
atcctactcc	gctaccattg	gcggcctgac	caccatcatc	ggcacctcca	ccagcctcat	180
cttcctggaa	cacttcaaca	accagtatcc	agcctcagag	gtggtgaact	ttggcacctg	240
gttcctcttc	agcttcccca	tatccctcat	catgctgggtg	gtcagctggt	tctggatgca	300
ctggctgttc	ctgggctgca	attttaaaga	gacctgctct	ctgagcaaga	agaagaagac	360
caaaaggga	cagttgtcag	agaagaggat	ccaagaagaa	tatgaaaaac	tgggagacat	420
tagctacca	gaaatgggtga	ctggattttt	cttcacctcg	atgaccgtac	tgtggtttac	480
ccgggagcct	ggctttgtcc	ctggctggga	ttctttcttt	gaaaagaaag	gctaccgtac	540
tgatgccaca	gtctctgtct	tccttggtct	cctcctcttc	ctcattccag	cgaagaagcc	600
ctgctttggg	aaaaagaatg	atggagagaa	ccaggagcac	tcactgggga	ccgagcccat	660
catcacgtgg	aaggacttcc					680

<210> 2287

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(99)

<223> similar to gi2662163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2287

atgcacacag	gcgagcggcc	gtacacctgc	accgtgtgca	gcaaggctct	gaccaccaag	60
cactcactgc	tggagcacat	gagcctgcac	tcaggtagtg	gggcttgccc	agagggccag	120
cttcaccaga	ttccatttcc	ccagggtggg	cattaccaac	acctaaatgg	tgttttctca	180
gcctagtatc	atttccaacg	tggtgtcatt	gaaagacagg	attttgcatc	tgtctgagtg	240
cagtttagag	ttctgcacgg	atcattaaac	tagagcttat	aaactggctg	ctgggagttt	300
agtgtgcaag	catgttttat	taaaccacca	aagtttagaa	ttgttttact	ttgaacgccc	360
tcgtgccg						368

<210> 2288

094667-1 - Q12-Q100

<400>	2288					
atgcat	gttctgccac	taattgggtgg	aaaagtagaa	gaattgaaaa	agcaccaaca	60
ctagca	tttagctcct	ctggacccca	aagccagact	tactacattt	gctttgatac	120
acagaa	tacttaaggt	ggctgcgaca	agtctccaag	gttgcatccc	agcgcattag	180
gtggac	ctctcgtgtt	gtagcctgga	acatctgcct	gccaacctct	tctacagcca	240
ctcact	catctcaatt	taaaacaaaa	cttcctaagg	cagaacccta	gccttccagc	300
aggggg	cttaatgaac	tgcaaaggtt	caccaagttg	aagagtctta	acctttccaa	360
cattta	tgggactctc	cactggcagg	ctgcagtatt	ccaaccctgg	cagagctgaa	420
cgctgc	aatgccctgc	gaacaatccc	ggcatgcggt	ggagagatgc	acaacttaca	480
cttttta	gcggacggaa	actttctcca	aacccttgct	gctgaggtgg	agaacatgaa	540
cttatt	tatctggggc	tttctttcta	tgaattact	gacattcccg	aagt	594

```
<210> 2289
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(325)
<223> similar to gil545952 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1352

<210> 2290  
 <211> 1234  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(1006)  
 <223> similar to gil750403 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2290  
 tattttgtag gcatcagttc aaaatagctt tcttcagtga gttgaaacaa gatacacaaa 60  
 atgcgctgaa gaattatagg accgcctata atcttgtaca cgaattgaga gcccatgaaa 120  
 ctaatattct ggaaattaag actatggcag gatttataaa ctacaagatc tgtaggctgt 180  
 gttttcaaca caacacccca ttggatgcaa ttgctcagtt ccgaaaacac atcgacttgt 240  
 gtaagaaaaa gattggaagt gcggagctgt cttttgagca tgatgcatgg atgtctaaac 300  
 aattccaggc ctttgagatg ttatttgatg aagctattaa gttaggggta acagctattc 360  
 aaactcagaa tcctgggtttc tattaccagc aggcagcata ctatgcccag gagcggaaac 420  
 agcttgcaaa aaccctctgt aaccacgaag cttctgtaat gtatcccaat cctgatccct 480  
 tagaaacaca aacaggcggt cttgactttt atggacaaag atcatggcga caaggaatac 540  
 taagttttga tctttctgat cctgaaaaag aaaagggtggg aattcttgcc attcagctga 600  
 aggagagaaa tggtgttcac tctgagataa tcataactct tctgagcaat gctgttgac 660  
 agttcaagaa gtataagtgc ccgcgaatga aaagtcacct aatgggttcag atgggagagg 720  
 aatattatta cgcaaaggat tataccaaag ctttgaagtt gctggattat gtgatgtgtg 780  
 attatcggag tgaaggatgg tggactctgc tcacttctgt attaactaca gctctgaagt 840  
 gtcctacct catggcccaa ttaaaggatt acattactta ctccctagaa ctccctggta 900  
 gagcttcaac tctgaaagat gaccagaagt ctcggataga aaagaacctc ataaatgttt 960  
 taatgaatga aagtctgat ccagaacccg actgtgatat cttagctgtg aaaactgctc 1020  
 agaagctgtg ggcagaccga atttctctgg ctggcagcaa tattttcaca ataggagtac 1080  
 aggactttgt gccatttgtg cagtgc aaag ccaagtttca tgccccaagt tttcatgttg 1140  
 atgttcctgt tcagtttgat atttatctga aggtgattg tccacatccc attaggtttt 1200  
 ccaagctctg tgtcagcttt aataatcagg aata 1234

<210> 2291  
 <211> 491  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (94)...(486)  
 <223> similar to gi207621 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2291
cttгаааgag aaggggacaa aggaacacca gtattaagag gattttccag tgtttctggc 60
agtgtgtcca gaaggatgcc tccattcctg cttctcacct gcctcttcat cacaggcacc 120
tccgtgtcac ccgtggccct agatccttgt tctgcttaca tcagcctgaa tgagccctgg 180
aggaacactg accaccagtt ggatgagtct caaggctctc ctctatgtga caaccatgtg 240
aatggggagt ggtaccactt cacgggcatg gcgggagatg ccatgcctac cttctgcata 300
ccagaaaacc actgtggaac ccacgcacct gtctggctca atggcagcca cccctagaa 360
ggcgacggca ttgtgcaacg ccaggcttgt gccagcttca atgggaactg ctgtctctgg 420
aacaccacgg tggaagtcaa ggcttgccct ggaggctact atgtgtatcg tctgaccaag 480
cccagcgttt g 491

```

```

<210> 2292
<211> 983
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(206)
<223> similar to gi3695143 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2292
tgcggccgca ccatgagcga catccgccac tcgctgctgc gccgcgatgc gctgagcgcc 60
gccaaaggagg tgttgtacca cctggacatc tacttcagca gccagctgca gagcgcgccg 120
ctgcccatcg tggacaaggg ccccggtggag ctgctggagg agttcgtgtt ccagggtgccc 180
aaggagcgca gcgcgcagcc caagagactg aattcccttc aggagcttca acttcttgaa 240
atcatgtgca attatttcca ggagcaaacc aaggactctg ttcggcagat tattttttca 300
tcccttttca gccctcaagg gaacaaagcc gatgacagcc ggatgagctt gttgggaaaa 360
ctggctctcca tggcggtggc tgtgtgtcga atcccgggtg tggagtgtgc tgcctcctgg 420
cttcagcgga cgcgcgtggt ttactgtgtg aggttagcca aggcccttgt agatgactac 480
tgctgtttgg tgccgggagc cattcagacg ctgaagcaga tattcagtgc cagcccagaga 540
ttctgctgcc agttcatcac ctccgttacc gcgctctatg acctgtcatc agatgacctc 600
attccacctt tggacttgct tgaaatgatt gtcacctgga tttttgagga cccaagggtt 660
attctcatca cttttttaaa tactccgatt gcggccaatc tgccaatagg attcttagag 720
ctcaccgccg tcgttggatt gatccgctgg tgcgtgaagg cacccttggc ttataaaagg 780
aaaaagaagc ccccttatac caatggccat gtcagcaaca aggtcacaaa ggacccgggc 840
gtgggggatg acagagactc ccacctcttg tactcaaaac tccacctcag cgtcctgcaa 900
gtgctcatga cgctgcagct gcacctgacc gagaagaatc tgtatggggc gcctggggct 960
gatcctcttc gaccacatgg tcc 983

```

```

<210> 2293
<211> 404
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (404)...(247)  
 <223> similar to gi4240243 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2293  
 aatacacccc tctgaaagtt aattaagaat gaannnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60  
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 120  
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 180  
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnntagataa 240  
 atgtttgtag ctaaaacaca cgaaatatca cgaacagtct ttttaaagat aaaacatgta 300  
 atcaccataa caactggaag caataatgtc tttgtgtatc tcagtggagt cgctttttcc 360  
 atgaagtcaa attcggggagc acaggtgtat attaaagtat caan 404

<210> 2294  
 <211> 526  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(527)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (92)...(285)  
 <223> similar to gi500832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2294  
 cggctcgtcc nnatttgaac cccttctttg atcggcctgc agtaccgggc cggaattacc 60  
 cggtcgagcc acgcgttcgc tcacgcgtcc ggccaaccag aaggggttgc acggggaccg 120  
 cctgtactac gacggctgtg ccatgatcgc catgaacgga agcgtctttg ctcaaggatc 180  
 ccagttttct ctggatgacg tggaaagtcc gacggccacg ctggatctgg aggacgtccg 240  
 gagctacagg gcgagatatt catctcgaaa cctggcgggtg agtgctccag tagacacctg 300  
 tgtgggatgc tcatcaaaga cgtggaaagt ggccccattc gtgcgggcct ggtggaggcc 360  
 gtgaggggtgc agtgccctgaa aagtctgaca gggaagttcc ggacttcccg agcgtggaaa 420  
 ggggctgggtg ccgcagacag aacctgcttc catctgttcc ccgtcatcct ctgcttgggc 480  
 caggccctga gctgggggtga gctgggggaca ggcaggcagg tgtatt 526

<210> 2295  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(425)  
 <223> similar to gil663648 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2295  
 tttcgtggct gataatgtga tttttgagag actttcaaaa gactcaaaat atatggagga 60  
 aacattatgc catctggaat actttgctac ggaaggcttg cggactctct gtgtggctta 120  
 tgctgatctc tctgagaatg agtatgagga gtggctgaaa gtctatcagg aagccagcac 180  
 catattgaag gacagagctc aacgggttgga agagtgttac gagatcattg agaagaattt 240  
 gctgctactt ggagccacag ccatagaaga tcgccttcaa gcaggagtgc cagaaaccat 300  
 cgcaacactg ttgaaggcag aaattaaaaat atgggtgttg acaggagaca aacaagaaac 360  
 tgcgattaat atagggtatt cctgccgatt ggtatcgagc aatatggccc ttatcctatt 420  
 gaagga 426

<210> 2296  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (179)...(357)  
 <223> similar to gil80251 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2296  
 gggggcgggc cccaggtag gcatggctgc tgccccagc ccatttcttt tgaatctgtt 60  
 cactcctatt cactcctact tgccactcct tctattcatt actcactgcc cctgccccta 120  
 gtccccatgg tacccttgag ccatgggcat ttcttgagcc ccactcagca ggctctgctt 180  
 cccccaggtc ctggtgaacg agggcggttg ctttgaccgg gcctctggct ccttcgtagc 240  
 ccctgtccgg ggtgtctaca gcttcgggtt ccatgtgttg aagggtgtaca accgccaac 300  
 tgtccagggtg acctcagcac tggccccat ccccggtcga ggagggtggg gagggggaag 360  
 aaggggagcc cagctgacct ccgggtggac tctccattga cctgtgtcct ggacgaaa 418



<210> 2297  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (93)...(456)  
 <223> similar to gi5813801 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2297  
 tttcgtccga aaggtctggt cgcagagaca ggaacgtgta atcctcagcg tgctccagcc 60  
 cacagcttcg ctctactgct cggcagggca gctggcctct gggcaccggc ggccccctctg 120  
 cctcgcgga aagcctgatg aagtcctcgg atattgatca ggattttattc acagacagtt 180  
 actgcaaggt gtgcagtgc cagctgatct ccgaatcgca gcgtgtggcc cactacgaga 240  
 gtcgaaaaca tgcaagcaaa gtccgactgt attacatgct tcaccccagg gatggagggt 300  
 gtccgtgcaa gaggtctcgg tcagaaaatg gaagtgatgc cgacatggtg gataagaaca 360  
 agtgctgcac actctgcaac atgtcattca cttcagcggg ggtggccgat tcccattatc 420  
 aaggcaaaat ccacgccaag aggttaaaac tcttgctag 459

<210> 2298  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(408)  
 <223> similar to gi2914017 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2298  
 tttcgtgtca gccgaggcca ttctcaaacg agagtccggg gctgctgagc aggtggataa 60  
 caagggccgg aatttccttc atgtggcagt tcagaactct gatattgaaa gtgtgctgtt 120  
 cctgatcagt gtccacgcta atgtgaattc aagagtccag gatgcctcca agttgacccc 180  
 cctgcacctc gctgtccaag caggctcaga aattattgtc cgcaatttgc ttcttgccgg 240  
 agccaaagtg aacgaattaa ctaagcatcg ccagactgcc ctccatcttg ctgccagca 300  
 ggacctgcc accatctgct cagtcctcct agagaatggc gtggactttg ctgccgtgga 360  
 tgagaatgga aacaatgctc ttcattcttg tgtcatgcac ggccgg 406

<210> 2299  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (26)...(413)  
 <223> similar to gi746490 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2299  
 gagtaccgt cgggaattcc cgggacgagc accaaccggc ttcctcaaac tcttggtga 60  
 taagaacagc gaactgttta ggaaatacgc cctgttttct ccctcagacc accgagtgcc 120  
 tagaatttat gtgcctctca aggactgtcc ccaggacttt gtggcacggc cttaaagatta 180  
 tgccaacaca ctgttcatct gccgcattgt ggactggaag gaggactgca attttgcct 240  
 ggggcagctg gctaagagtc ttgggcaggc tgggtgaaatt gagcctgaaa cagaaggaat 300  
 actaacagag tatggcgtgg atttctctga tttctcttca gaagttctag aatgtcttcc 360  
 tcaaggcctg ccatggacaa ttccaccaga ggagttcagc aagagaaggg ttgtatt 417

<210> 2300  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (148)...(433)  
 <223> similar to gi5689559 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2300  
 tttcgtctta ggaagtgagt gtgcgcgcgc gcttgtgggg agatgaggca gctgctgcgc 60  
 ccgattgacc gccagcgata cgacgagaac gaggacttgt cggacgtgga ggagatcgtc 120  
 agcgtccgcg gcttcagcct ggaggagaag cttcgcagcc agctgtacca gggggacttc 180  
 gtgcacgcca tggagggcaa agatttcaac tatgagtacg tacagagaga agctctcagg 240  
 gttcccctga tatttcgaga aaaggatgga ctgggaatta agatgcctga ccctgatttc 300  
 acagtccgag acgtcaaact cctagtgggg agccggcggc ttgtggacgt gatggatgtg 360  
 aacaccaga agggcacgga gatgagcatg tcccagtttg tgcgttacta cgagacgccc 420  
 gaggccagc gggacaagct g 441

<210> 2301  
 <211> 1768

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (8)...(975)  
<223> similar to gi3327214 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2301

tttcgtcgca	ggccacgaga	agctgccggt	gcacgtagaa	gacgccctca	cctatctgga	60
ccagggtgaag	atccgcctttg	gcagcgaccc	tgccacctac	aacggcttcc	tgagatcat	120
gaaggagttc	aaaagccaga	gcatcgatac	tcctggagtc	atcagacgtg	tctcgagct	180
cttcacagag	caccctgacc	tcattgttgg	attcaacgct	tttcttcccc	tcggatatag	240
aatagacatt	cccaagaatg	gcaagttaaa	catacagtcg	cctctgacaa	gccaggagaa	300
ttcgacacac	cacggggacg	gtgcagagga	cttcaagcag	cagggtgccgt	ataaagagga	360
caaaccccag	gtgcccctgg	agtccgattc	cgtggaattc	aacaacgcca	tcagctatgt	420
gaataagatt	aaaacccgct	tcctagacca	cccagaaatc	tacagggtcat	tcctggagat	480
cctgcacacg	taccagaagg	agcagctgaa	cacgaggggc	cggccattcc	gaggcatgtc	540
tgaagaggag	gtgttcaccg	aggtggccaa	cctcttccgg	ggccaggagg	acctgctctt	600
agagtttgga	cagttcctgc	ccgaagccaa	gcggtctctg	tttacaggaa	acgggccgtg	660
cgagatgcac	agcgtgcaga	agaacgagca	cgacaagacc	ccggagcaca	gcaggaagcg	720
ctcccggcc	tcgctcctcc	gccccgtgtc	tgaccccgcc	aagaaaaaaaa	tgaaacttcg	780
tggtaccaa	gacctgtcca	tcgctgcagt	ggggaagtac	gggactctgc	aggaattttc	840
tttctttgac	aaggtccgcc	gggtgctgaa	gagccaggag	gtgtatgaaa	acttcctccg	900
ctgcacgca	ctcttcaacc	aggagctggt	gtctggctct	gagctcctgc	agctcgtcag	960
cccatttctg	gggtgagcag	ctgacttccc	agggctccct	aggggggttc	tgttcctgtc	1020
aactccatct	acttggtttt	tagttactgt	ttttgagcaa	tgattgtgct	tttctaaaaat	1080
cctgtttatt	aattgacgtg	attgatataa	ttattgattc	ccatgcattt	gtaaggagca	1140
atacaccacc	tgggtaccct	ccagctgggt	cctttaccag	taacatctgt	agtcagtatc	1200
ctcaccagaa	tacagtgggt	cctcgagtaa	tgccctttca	tttaacactg	ttttaacacc	1260
gatgagaaaa	gaagacattc	atttctggtc	tgagtggagt	ttgcacgttc	tccccatgtc	1320
tgcgtggatt	ttctcccaca	tcccaaagat	gtgcatgtta	ggttaagtct	aggttaagcg	1380
gtgagtctcc	gtggtcccag	cctgagttag	tgtggcgggg	tgagcgccct	gcagtggggg	1440
ggcgtcctgt	ccagggtggg	tgccccactg	gtgctctgag	ctgctgggat	agggtcgggc	1500
cacccaagat	cctgaactgg	aataattggg	taaattgtta	ttttacttgt	ttttactcat	1560
ctttcttata	tgtatgtgtg	gcttgcatth	atttcagtgt	ttaatattag	aagtgttttg	1620
gtctctcttt	agaaatttgg	tgattgtttt	gtgacaaaaa	atacgccgta	ggaacgtcat	1680
tcttgtttat	gtgtcaatta	gcttgtggca	aaattggttt	tgttacacat	cttttcaact	1740
taaagacaca	gctttctaac	acaaaaat				1768

<210> 2302  
<211> 459  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (8)...(461)  
<223> similar to gil842427 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2302  
gtctacgcca agcttggcac gaggcagaag gggcaccacg gtgcagctgg agtgtcgggt 60  
gaagcacgac ccctccctga aactcaccgt ctccctggctg aaggatgacg agccgctcta 120  
tattgaaaac aggatgaaga aggaagacga ctccctgacc atctttgggg tggcagagcg 180  
ggaccagggc agttacacgt gtgtcgccag caccgagcta gaccaagacc tggccaaggc 240  
ctacctcacc gtgctagctg atcaggccac tccaactaac cgtttggctg ccctgcccac 300  
aggacggcca gaccggcccc gggacctgga gctgaccgac ctggccgaga ggagcgtgcg 360  
gctgacctgg atccccgggg atgctaacaa cagcccatc acagactacg tcgtccagtt 420  
tgaagaagac cagttccaac ctgggggtctg gcatgacca 459

<210> 2303  
<211> 706  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (8)...(696)  
<223> similar to gil389756 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2303  
acctcatatt attggagcag aagatgatga ttttgggtact gaacatgaac agatcaatgg 60  
acagtgcagc tgtttccaga gcattgaatt gctaaaatct cgcccggctc atttggctgt 120  
tttcttacgc catgtagttt cacaatttga ccctgcgact ttgctttgtt atctctattc 180  
agacctgtat aaacatacca attccaaaga aactcgtcgc atcttccttg agtttcatca 240  
gttctttcta gatcgatcag cacacctgaa agtttctgtt cctgatgaaa tgtctgcaga 300  
tctagaaaag agaagacctg agctcattcc tgaggatctg catcgccact atatccaaac 360  
tatgcaagaa agagtccatc cagaagtcca aaggcactta gaagattttc ggcagaaacg 420  
tagtatggga ctgaccttgg ctgaaagcga gctgactaaa cttgatgcag agcgagacaa 480  
ggaccgattg actttggaga aggagcggac atgtgcagaa cagattgttg ccaaaattga 540  
agaagtattg atgactgctc aggctgtaga ggaagataag agctccacca tgcagtatgt 600  
tattctcatg tatatgaagc atttgggagt aaaagtgaag gagcctcgaa atttggagca 660  
caaacggggc cggattggat ttcttcccaa aatcaagcaa agtatg 706

<210> 2304  
<211> 466  
<212> DNA  
<213> Homo sapiens  
  
<220>

<221> misc\_feature  
 <222> (2)...(462)  
 <223> similar to gi3047242 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2304  
 tccatgggga gtgattgaaa acagaaatga tcttggtggg agagatgtgg ttgctcctta 60  
 tcaaacctta ttgaaccccc tgagcaaatt gaatgttttg aataatctgc attcccattt 120  
 catattggtg gatgatggca ctggttgaaa gtatggggcg gaagtcagac tgagaagaga 180  
 acttgaaaaa actattaatc agcaaagaat tcatgctagg attggccagg gtgtccctgt 240  
 ggtggcactt atatttgagg gtggggccaaa tgttatcctc acagttcttg aataccttca 300  
 ggaaagcccc cctgttccag tagttgtgtg tgaaggaaca ggcagagctg cagatctgct 360  
 agcgtatatt cataaacaaa cagaagaagg agggaaatctt cctgatgcag cagagcccga 420  
 tattatttcc actatcaaaa aaacatttaa ctttggccag tgtatt 466

<210> 2305  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (33)...(711)  
 <223> similar to gi3874946 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2305  
 ttctgatgt aaatgatgcc attgtgtaac tattcaatga ttatgatgtt aaggcaacct 60  
 cccatcattt agtgggtgtg catctagatc tacgcatatg tgatgcattt catgctaaag 120  
 aaaaagagtc aagctcacgt acaagtggag gggcaatgca actctctttt gcacagctaa 180  
 ctatagatta ttatccgtat cataaagcag gagatagttg taatcattgg atgtatttta 240  
 gtgatgcaac caaaacaaaa aatggatggg ccaatgagtt attgcatgaa tttgagtgca 300  
 acgttgaaat gcttaaacag gctgtgaagg atcataatgt aggttcacct cctaaatccc 360  
 caacacatgc ctctccccag cacacacaaa cagagaagga ctaccctctg aaagggacat 420  
 gcagaacacc ttcagtatta tctcaacaat caaaagctaa gctaagtctt agttctgttg 480  
 tggttagact tgcagatttc aatatatacc aggtctctac agcggaacaa tgtcgttctt 540  
 ccccaaaaag catgatttgc tgcaataaaa aatccctata tcttccacaa gaaatgtcag 600  
 ctgtctatat agaattcaca gaatattact atccagatgg aaaggatttt ccaattccat 660  
 ctcccaacct ctatagccag ctgaatgcac tacagtttac tgtggatg 708

<210> 2306  
 <211> 439  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(436)

<223> similar to gi4512334 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2306

caagggagg	gggttgatcc	cctggcacag	gtcgaggccc	tggacccaca	tcctttgtct	60
gcctccccac	cccacagtgc	ccgttcacgc	acgatttcac	cctggccctc	cataggaaga	120
tcaagaatga	gcccgtggtg	tttcctgagg	ggccagaaat	cagcgaggag	ctcaaggacc	180
tgatcctgaa	gatgttagac	aagaatcccc	agacgagaat	tggggtgcca	gacatcaagt	240
tgcacccttg	ggtgaccaag	aacggggagg	agcccttcc	ttcggaggag	gagcactgca	300
gcgtggtgga	ggtgacagag	gaggagggtta	agaactcagt	caggctcatc	cccagctgga	360
ccacggtgat	cctggtgaag	tccatgctga	ggaagcgctc	ctttgggaac	ccgtttgagc	420
ccaagcacg	aatggcgaa					439

<210> 2307

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> similar to gi3645961 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2307

ttgcaaggat	gctccccctcc	tgagtgcac	cgcactctacc	tgaccgtggc	caggaaatgg	60
cctttctttg	gtgctaaact	ttttgctgct	cagcctgccc	agctgtcttc	caaggagaac	120
gctctggtgt	ggattgctgt	gaatgaggat	ggcgtcagca	tcctggacca	caacactatg	180
caagtgcaca	tcacttaccc	ctactcttca	gtgacaacgt	ttggtggctg	cagggatgac	240
ttcatgcttg	tgattagatc	tatcccagac	aagagctctg	gaaaaagcca	cattgagaag	300
ttgatcttcc	ggatggctgc	tccaagatt	gcagaagcca	ccttcatcat	ggccagctat	360
atgaaccatt	gcactacaac	tgtgaacccc	cccacatgt	att		403

<210> 2308

<211> 551

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (36)...(539)  
 <223> similar to gi3327146 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2308  
 accatggctt gggctcagca tgggtcccca gccatcggcg ggtgaaccca cccacactgc 60  
 gcattaagaa gctgaactgg cagaagctgc catccaacgt ggcacgtgag cacaactcta 120  
 tgtgggcgtc cctgagcagc cccgacgccg aggcgtgtga gcccgacttc tccagcatcg 180  
 agcgactatt ctccctccct gcagccaagc ccaaggagcc caccatgggtg gccccccggg 240  
 ccaggaagga gcccaaggag atcactttcc tgcgatgccaa gaagagcctg aacctcaaca 300  
 tcttcctgaa gcaatttaag tgctccaacg aggagggtgc tgctatgatc cgggctggag 360  
 ataccaccaa gtttgatgtg gaggtttctca aacaactcct taagctcctt cccgagaagc 420  
 acgagattga aaacctgcgg gcattcacag aggagcgagc caagctggcc agcgccgacc 480  
 acttctacct cctcctgctg gccattccct gctaccagct gcgaatcgag tgcattgctgc 540  
 tgtgtgaggg c 551

<210> 2309  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (39)...(562)  
 <223> similar to gi3243075 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2309  
 cccacgcgtc cggaataaag atagataaga cttccgatgg accaaaactt ttcttaacag 60  
 aagaagatca aaagaaactt catgattttg aagagcagtg tgttgaaatg tatttcaatg 120  
 aaaaagatga caaatattcat tctgggagtg aagagagaaat tcgtgtcact tttgaaagag 180  
 tggaacagat gtgcattcag attaaagaag ttggagatcg tgtcaactac ataaaaagat 240  
 cattacaatc attagattct caaattggcc atttgcaaga tctttcagcc ctgacggtag 300  
 atacattaaa aacactcact gccagaaaag cgtcggaagc tagcaaagtt cataatgaaa 360  
 tcacacgaga actgagcatt tccaaacact tggctcaaaa ccttattgat gatggctcctg 420  
 taagaccttc tgtatggaaa aagcatgggtg ttgtaaatac acttagctcc tctcttcctc 480  
 aaggggatct tgaaagtaat aatccttttc attgtaatat ttaaatgaaa gatgacaaag 540  
 atccccagtg taatatattt ggtcaagact tacctgcagt accccagaga aaagaattta 600  
 attttccaga ggctgggttc tcttctgggtg ccttattccc aagtgtgtgt tcccctccag 660  
 aactgcgaca gagactacat ggggtagaac tcttaaaaat atttaataaa aaacaaaaaa 720  
 aaagggcggc 730

<210> 2310  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(321)  
 <223> similar to gi3924708 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2310  
 cggaacgcgtg ggtcgaatgc taacagccac agtacatagc acctttaatg gcaaatttcg 60  
 atcccagtggt atccagaaat tcaactgtca gatattttga taatggcaca gcacttggtg 120  
 tccagtgagg ccatgtacat ctccaggata attataacct gggaagcttc acattccagg 180  
 caaccctgct catggatgga cgaatcatct ttggatacaa agaaattcct gtcttggtca 240  
 cacagataag ttcaaccaat catccagtgga aagtcggact gtccgatgca ttgtgcgttg 300  
 tccacaggat ccaacaaatt ccagtagctg agaagaaggg cagtcgcaat gaggtagcct 360  
 ctgtgggggt aaattttaaag gagattgggc tatggcagct gtacctgaat t 411

<210> 2311  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (286)...(396)  
 <223> similar to gi4206390 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2311  
 agctgttccc cccggccagc gcagcagggc agccggaccc cagaccacaa gtgagtggcc 60  
 atgtcttaaa caaacccccg cctcaggctc tgacactgcc accttccaat cctgcccccc 120  
 ttacaccttg ccacgggcct cgatcattgg ccttagtcaa actgcaggctc ttctctttgt 180  
 gtccctgagt caggcagggg gacctggaga ccctaaggcc caagtggggg gaggtaggagc 240  
 ctgggcgcct ggccctcaag ctgacgcctg tgtgacgggc tctttcccca gcaggatcct 300  
 gcagcccccg ctccgtgtga ggagaccag ctctccttgc tgccacttca ggggtgcggc 360  
 ctgatggagg ggaagacgat ggaggcgaag accac 395

<210> 2312  
 <211> 496



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<220>
<221> misc_feature
<222> (148)...(233)
<223> similar to gi258001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2312						
agattttt	gtgtttaa	acaaactt	tattctg	gtttttaaa	acaattgt	60
ctttaact	taagacac	ttctgaat	tttaaagg	gcctatta	acatccct	120
aacttact	ttcttgt	tctctaag	gaagcact	acagttcg	gatcatca	180
aataagat	tcagcatt	gggaagat	ggcggtct	ttcaattc	gttaaggat	240
ctgtcatt	acagtgca	ttaaagga	ctttagag	gtacgtcg	aattcaga	300
agtttttt	taagaatt	ggaattga	taactgca	ggtctttg	agtgc aa	360
caatgaac	atgttaag	cgaataat	gtccagca	aacattgt	tagtagct	420
aatgtagt	gaatgtgt	gttagtgt	gaattcca	accgttgc	tgttcaa	480
ctggctct	acctctc					496

```
<210> 2313
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(454)
<223> similar to gi3061320 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2313						
attgctgccg	ctggatcgac	tgctttgcct	tgtacgacca	gcaggaggag	ctcgtgcggc	60
acatcgagaa	ggtccacatc	gaccagcgca	aaggggagga	cttcacttgc	ttctggggccg	120
gttgccctcg	aagatacaag	cccttcaacg	cccgcataaa	actgctgata	cacatgagag	180
tccactctgg	ggagaagccc	aacaagtgtg	cgtttggaagg	ttgcgagaag	gccttttcaa	240
ggcttgaaaa	tctcaagatc	cacttgcgga	gccacacagg	cgagaagccg	tatttgtgcc	300
agcatccggg	ttgtcagaag	gccttcagta	actccagtga	ccgcgccaaa	caccagcgga	360
cgcatctgga	cactaaacct	tatgcttgtc	aaattccagg	atgtacaaa	cgctacacag	420
acccaagttc	cctaagaaag	catgtgaagg	cacattcttc	caaaga		466

<210> 2314  
<211> 505

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(505)  
 <223> similar to gi2443214 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2314  
 gtattgttca gcgggccatg ctgatggcga tggagccgat atgggagagt gattttcata 60  
 cgctctcata tggcttccgg cctgagcgca gtgtccacca cgcgatccgc acggtgaaat 120  
 tacagctcac agactgtggt gaaacccggg gacgctgggt gattgaaggc gacctgtcca 180  
 gttacttcga caccgtacat catcgactgc tgatgaaggc tgtacgccgc aggatcagtg 240  
 acgcacgttt catgactctg ctgtggaaaa ccatcaaggc gggacatatc gatgtcggtc 300  
 tctttcgggc ggccagtga ggtgtgccac agggcggtgt tatatcgccg ctattatcga 360  
 acatcatgct gaatgagttc gatcaatacc tgcattgagc ctacctgagc gggaaagcca 420  
 gaaaagatcg gtggtactgg aataacagta tccaacgggg ccgaagtacg gcggtcagag 480  
 aaaactggca gtggaaaccc gggcg 505

<210> 2315  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3)...(470)  
 <223> similar to gi3522923 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2315  
 gtgcctcatg ccatgggcac gcctaccgtc tgcaaagcgc catcaagcag gagctgcaca 60  
 gccgggcctt cctggccatc acgcggtctg aggagctctg gccatggatg gccacagtgc 120  
 tgctgcccta cgtccacggg aaccagtcca gccagagct ggggccccca cggtgcggc 180  
 aggtgcggct gcaggaagca ctctaccag accctcccgc cccagggtc cacacgtgct 240  
 cggccgcagg aggcctcagc accagcgatt acgacgttg ctgggagagt cctcacaatg 300  
 gctcggggac gtgggcctat tcagcgccg atctgctgg ggcatggtcc tggggctcct 360  
 gtgccgtgta tgacagcggg ggctacgtgc aggagctgg cctgagcctg gaggagagcc 420  
 gcgaccggct gcgttctctg cagctgcaca actggctgga caacagggtg gagctccctc 480  
 ccctgccctc tccgggggtg ccgcagtcac cagccaggag cccaccctca ctctccggc 540  
 ccccgctggc ctaggcggct tccacagccc cttagccacg cctgcaactgc gcggtccccg 600  
 cagctcccgc cctgccaccc gctcctactg acccgacccc taagcgcaag agccgcgctg 660  
 tgctcctgga gctcacgcga aacagcaaag ccgtggggct gcacgccgcc gtcacgggtg 720  
 gcctcggccc gttaactcca aaccgggtac tgcat 755

094687 is 0160

<400>	2316						
gacca	cgcgctccggt	cttatggagc	atgggagggg	aaggcagtct	gatgaggaca		60
ggaagt	cccagagtca	ccacagccca	cagacaaagg	ctttgggggca	gtgatacagc		120
aggggt	ggcagatgat	cttgggtgaga	gccaaagcccc	tgctgggggct	gaggtttggg		180
cggggt	gacaggcacc	tgtgtcccca	ggatgtggag	ctggccgagc	acctcaacgc		240
ctggct	ttcttcctca	gagaccttct	gtccctgggtg	gaccgggggct	ttgtcttcag		300
gtccgg	gcccactaca	agcagggtggc	cacgcggctc	cagtcgtccc	ctaataccagc		360
ctgctg	accctgcgca	tggaattcac	ccgcatactg	tgcagccacg	agcactacgt		420
ctcaac	ctcccctgct	gccccctgtc	acctccagcc	tcgccctccc	cctctgtgtc		480
accacc	tcccagagct	ccaccttctc	cagccaagcc	ccggacccca	aggtgaccag		540
ctcgaa	ctgagtgagc	cattccggca	gcagcacttc	ctagctgggc	tcctgctgac		600
ctggca	ctggccctcg	aacctgaggc	tgaaggggca	ttcctgttgc	acaagaaggc		660
agtgtc	gtgcacagcc	tgctatgtgg	ccatgacact	gacccccgct	acgccgaggc		720
gtgaag	gctcgtg						737

```
<220>
<221> misc_feature
<222> (6)...(326)
<223> similar to gi3522922 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1367

```

cgggctgtgt aacctgtgcg ggctttctctg gtgccctctc tcaggactcc ttggggaacc 420
tggtgtgtctc gccttctgct gcctcagggc ctgggcgtct ctgcccggct gccatgagtg 480
ctctccttcc tggctttgag gggcggctcc tctcaccct c 521

```

```

<210> 2318
<211> 963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (768)...(927)
<223> similar to gil871540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2318
ggagcggctg ccacggaaaa cgcctggccg gacggtggct ggcggccctg cctgggcgcg 60
gagggcggcg gtggcgggcc ccgcggcctt ctctcagctt cttttctcct cacgacggcc 120
tccacagtcc ggagcccggc ggagcccga cctggcgggg agagctgcct ccacggccgg 180
gcacccagac cccaccgtcg cagtcgccac cacctcagtc catccttggg accggcaatg 240
ggcttcgtat cctccagtgc acttgtaact gacttggaca cggaatacta agaactcact 300
tctgtcctca tcccagtcgc gccggcgggtg accatctcgg ctcttttggg cttaactgcc 360
gctcctctgg actctgtctg actttggggg caccatggac caaagtggga tggagattcc 420
tgtgaccctc atcattaaag caccgaatca gaaatacagt gaccagacta ttagctgctt 480
cttgaactgg accgtgggga aactaaaaac gcatctatct aacgtttacc ctacaaacc 540
agtaagtgtg taaaagctgg gggcagctgc tctgaccagc agcttttcgt gccgtgtacc 600
ctccttttcc ctgcttctcc cctccagtct tgaatcaa ataggctctt tggtagaccg 660
cgaggtattt tgagttctga ggttggtct cctgagtggt cgaacatca ttaatatatt 720
cctgatgagg ttcagttaat tagtaagagg aagcagaa atcaaggga ttaagaattg 780
gcaggcaaag accgggcgcg gtggctcacg cctgtaatcc cagcactttg ggaggccaag 840
gcgggcggat cacgaggtca ggagttcgag accagcctta ccggcatggt gaaaccctgt 900
gtctactgaa aatacaaaaa ttaactgggc gtggtggcgc atgcttgtaa tcccagctac 960
tcg 963

```

```

<210> 2319
<211> 1499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(752)
<223> similar to gi2246532 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2319
cgaccaaact aaagaaggag caggagaatc tgttgaagca gcggtgggag ctagagaggc 60
tgaggaaga gcgaaagcag atggaagcct tccggcagaa ggcagagctg gggcggttct 120
tgagacatca gtataacgct caactcagca gacgcacaca gcagatccaa gaggagctgg 180
aggcagacag gcggatcctg caggccctcc tcgagaagga ggacgagagc cagcgcctcc 240
acctggccag gcgggagcag gtcattggccg atgtggcctg gatgaagcag gccattgagg 300
agcagctgca gctggagcgg gcgcgggagg cagagctgca gatgctgctg agggaggagg 360
ccaaggagat gtgggaaaag agagaggcag agtgggcccg agagcgcagc gcacgggaca 420
gactgatgag cgagggttctg acaggggagac aacagcaaat acaagagaag attgagcaga 480
accgacgggc acaagaggaa tccctgaaac acaggggagca acttattcga aatcttgagg 540
aggtgagaga gttggctcgt cgcgagaaag aggagagtga aaagctgaaa tcggccagga 600
agcaggagct ggaagcccag gttgcagagc gccggctgca ggcattggga gcagaccagc 660
aggaggagga ggaagaggag gaggcccggc gggctcagca gctctcagat gccctgctgc 720
agcaggaggc ggagactatg gctgagcagg gctaccggcc taagccttac ggacatccaa 780
aaattgcttg gaactgactt catgggtacc ataagtacag agaacaaggg atgctgaggc 840
ttctgatccc agccgccagg cagttttaca gggctctgtt aacagtaagt gcccggggca 900
ctgtcagatg gctcagcagt gcctgctcag gttcatcatt gaaacatccc agtggttggc 960
cagacattaa ggtgtcgtga gagtcccttt catgcctttc ttacccaagc aagggtcttt 1020
gatgggcacg tgtttacagc gctgctgcat tagtcttgta atatattaac agtcacatca 1080
actgaaggtc aatactaaga gccacagggt gtacctgtga tggggcggtg ggtttcctgt 1140
tgtctcacct ttaattgtca acctccagtg ttgactctag aaatatgagg aaagcttttc 1200
agtttttaaa attgccattt aaatttagtc tattaataaac aaacctagag gtcttggtgc 1260
agttgatttc agagtttatt aatttagtggt tcccaaaagt attacatctt ttatattctg 1320
gaagaaaaga actgtgaaca aattagaacc ccggaacact ctgacgtcca tggacgcatt 1380
ccagaaaagt ggcaagagat gagtctttcc tcctccagga agcatttttg tagaatttcc 1440
atagagcatt gtctgtgagt gactgatccc aacatgtatg ttactaagcc ccaaaacga 1499

```

```

<210> 2320
<211> 442
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(443)
<223> similar to gil762 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2320
gatacgtact gcaggggaga ccagctgcac atcctgctgg aggtgaggga ccacttgagg 60
cgcaggaagc aatatggcgg ggatttcctg agggccagga tgtcttcccc agcgtgatg 120
gcaggtgctt caggaaagggt gactgacttc aacaacggca cctacctggg cagcttcact 180
ctgttctggg agggccagggt ctctctgtct ctgctgctca tccaccccag tgaaggggtg 240
tcagctctct ggagtgaag gaaccaaggc tatgacaggg tgatcttcac tggccagttt 300
gtcaatggca ctcccaagt ccactctgaa tgtggcctga tcctaaacac aaatgctgaa 360
ttgtgccagt acctggacaa cagagaccaa gaaagcttct actgggtgag gcctcaacac 420
atgcgctgtg ctgcactcac tc
442

```

<210> 2321  
 <211> 486  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (408)...(489)  
 <223> similar to gil871540 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2321  
 catctgggag gggacgccgt caccgtcccc tccacatctg tctcgtcctc ggcgtagctc 60  
 aggatcaggc tctgctgccg gctcgttagc ctctgttgga ccgagcagag tcagcagcca 120  
 aggcttccgc cgggaagctt tggaaagaac tcacaggcag ccagcaccct cgcagcacat 180  
 gggaagagag ggacccaacc ttggcagggg cggacaccct gagccagtgc agcgggtgaga 240  
 acctaaggac catgccctca aagcttctgt acagaaaagc tcctaaaaca ccctacacta 300  
 agtcatttaa acaagtgtca ctgtggctat gctaaataca gtttacagga ggggaaacag 360  
 attttaccag tatgtatgtg aagcaagtaa gaaattatct aattaggcca ggcgcagtgg 420  
 ctcatgcctg taatcccagc attttgggag gccaaaggtg gcggatcaca aggtcaggag 480  
 atagag 486

<210> 2322  
 <211> 543  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (18)...(435)  
 <223> similar to gil001603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2322  
 aactgtcaaa tctgaccaga gacgtcccca tctttgtgtg tgccatggcc ttccccacgg 60  
 tcccatgccc actccacggt tttgagcccc gctatcggct tatgataaga agatgcatgg 120  
 aaactggcac caagcgggtt ggcatgtgtt tatctgctga gcacgcgggg ctttcagagt 180  
 atggatgcat gctggagatt aaggacgtga gaacgtttcc tgatggaagt tctgtttag 240  
 acgcgattgg catcagtcgg ttccgagtcg taagccaccg ccacagagat ggctataaca 300  
 cagcggacat tgaatatctt gaagatgaaa aggtggaggg tccagagtat gaagaacttg 360  
 ccgctctcca cgattctgtg catcaacagt ctgtttcctg gttcgcgtct ctccaggatc 420  
 gcatgaaaga acaaatttta agtcattttg gggtaatgcc agacagagaa cctgagcctc 480  
 agagtaatcc cagcggccct gcctggctct ggtggatcct ggccgtgctg cccctggagc 540

<210> 2323  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (42)...(700)  
 <223> similar to gi2723362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2323  
 gacagaaaat tttgagattg aataattccc accaaccacc cactagtagc agcaactcca 60  
 aggattgtgg aggtccggcc tccagtgggg ctggtgctac cgcagcctta gctgatggcc 120  
 taaaatttgc ttctgttcag gcctctgctc cccaggggaa ttcacacaaa gagaccagca 180  
 aatcaaaagt gaaaaggagt aaaacttcta aggatgctaa taaatctctg ccttctgctg 240  
 ccttgatgg gattcccgag atcagcagca ctggcaagag gcaggaagtc caagggcgcc 300  
 ctggagaggc aactggcatg aattcagcgc tgggtcaaag tgtgagcagc ggcggcagcg 360  
 gcaacccaaa cagcaatagt accagcacca gcacctctgc cgccaccgcg ggggcaggct 420  
 cctgtgggaa aagcaaagag gagaagccag gtaaaagcca gagcagccga ggcgccaagc 480  
 gggataagga tgcggggaaa tccaggaagg acaagcacga cctgcttcag ggccaccaga 540  
 atggcagtgg cagccaggcc ccttccgggg ggcacctcta tggctttggg gccaaagagca 600  
 atggaggtgg cgcgagcccc ttccactgcg ggggcactgg gaggggcagc gtcgcccgtg 660  
 caggggaagt tagcaaaagt gccccggatt cagggctcat gggaaaactct atgttggtaa 720  
 agaagggaaga ggaggaggag gagagccaca ggcgaaatcaa gaaactgaaa actgagaagg 780  
 ttgacccctt gtttacagtg ccagcgccac caccgcatgt att 823

<210> 2324  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(435)  
 <223> similar to gi5103547 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2324  
 tttcgttcca aacaggacat acgtgaacaa atttggggct acatggaatc acaaaattta 60  
 gctgactttc cccgacctgt tcatcacagg atacccaact ttaaggggtc ttatctggct 120

tgccaaaaca	tcaaagacct	agacgttttt	gccagaacac	aggaagttaa	agtggaccct	180
gataaaccac	tggaaggcgt	tcggctgctg	gtgctgcaga	gcaaaaaaac	attgttggtt	240
ccaacaccac	gactgagaac	gggattgttt	aataagatca	caccaccccc	tggggcaact	300
aaagacatct	tgagaaaatg	tgccacctct	caggggtgtga	ggaactacag	tgtccccata	360
ggcttgga	ccagagtcct	cgtggattta	gttgtgggtg	gatccgtcgc	cgtttctgaa	420
aaaggctgga	gaat					434

```

<210> 2325
<211> 639
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(630)
<223> similar to gi5052558 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2325						
tttcgtggca	gtacgacacc	aggaacagca	ggatcgttct	catctgtgcc	aagcgggtccc	60
tgtgcgcggc	cttctcggtc	ctgccctatg	gggaaggcct	gcggatcagt	gacctgaggg	120
tggaagcca	gaagcagagg	caccgcgtccg	gcggcgtctc	tgtgtcttcc	gagatggtct	180
ttgagctaga	aggtgtggag	ctaggagcag	acgggaagggt	cgtgtcttat	gcgaagttcc	240
tgtatcccac	caacgccctg	gtcacacaca	agagtgcag	ccatggcctg	ctgcccacac	300
ctcggcccag	tgtcccccg	actctgccag	ggtcaagaca	taaacctgcc	cccaccaagt	360
cggcaccagc	cagcacagaa	ctagggagtg	acgtggggga	cacctggag	tacaaccca	420
acctcctgga	tgaccgcag	tggccctgcg	gcaagcaca	acgtgtcctc	atctttgcgt	480
cgtacatgac	cacagtgata	gaatacgtga	agccctcaga	cctcaaaaag	gacatgaacg	540
agaccttcag	ggagaagttc	ccccatgtca	aactgacgct	gagcaaaatc	aggagcttaa	600
agcgggagat	gcggagcctg	tcggaggagt	gcagcctgg			639

```

<210> 2326
<211> 1202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (149)...(1186)
<223> similar to gi915208 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 2326
```



taaggccagc	cagaacaagc	ggatagatat	catacataat	ctgaagctgg	atagaactta	60
tactggcttg	cagactcttg	gagcagagac	ggtagtggat	gttgaactcc	atcgccattc	120
tctcggagaa	gactgtatct	atcctcagtc	ctcggagtct	gacatctctg	atgcccctcc	180
atctttgcct	ttgaccattc	cagccccagt	gaaagcttct	tcaccaataa	agcagtcaca	240
tgagccagta	cccagatacct	ctgtggagaa	aggattccca	gctagcactg	aagctgaacg	300
acacactccg	ttttatgctt	tgccatcttc	attggaaaga	acacccacca	aatgactac	360
atcccagaaa	gttacctttt	gttcccatgg	caattcagct	ttccagccaa	tagcatcaag	420
ctgcaaaaatt	gttccacaaa	gtcagggttc	taatcctgag	tcacctggaa	aatccttcca	480
gcccatcacc	atgagctgca	agattgtgtc	aggttcccca	atatcaactc	caagcccatc	540
accattgcct	cgaaccccga	cttccactcc	agtccacgtg	aagcaaggca	ctgccggctc	600
tgttattaat	aatccttatg	ttatcatgga	caagcagccg	gggcagggtga	ttggagccac	660
cactcccagt	acaggaagtc	ctacaaacaa	gatctccacg	gcttctcaga	tctcccaagg	720
aacaggttcc	cctgttccta	aaattcatgg	aagtagtttt	gtaacatcta	ctgtcaagca	780
ggaggattct	ttgtttgcat	ctatgccacc	tctttgcccc	attgggagtc	accctaaggt	840
tcaaagcccc	aaacctataa	caggaggact	tggagctttc	acaaaagtga	tcatcaaaca	900
ggaacctggt	gaagcccctc	acgtgcccg	aacaggagct	gccagccagt	caccactccc	960
gcagtatgtg	actgtgaaag	ggggtcacat	gatagctgtg	tcccctcaaa	aacagggtcat	1020
aactcctgga	gaagggattg	cccagtcagc	aaaggttcag	ccctccaagg	ttgtcgggggt	1080
accagttggg	tctgctttac	cttcaacagt	gaagcaggct	gtggcgatca	gtggtggcca	1140
gatcctggta	gccaaggcca	gctcttctgt	ctccaaagca	gttgggcca	agcaagttgt	1200
at						1202

<210> 2327

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(409)

<223> similar to gi5733824 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2327

tttcgtggcg	gcggcggcat	ggcggagccg	agcggggccg	agacgaggcc	ccccattcgg	60
gtcaccgtca	agacccccaa	ggacaaggag	gaaattgtga	tctgcgatcg	agcctcggtc	120
aaggagttca	aagaggaaat	ctcccggagg	tttaaggctc	agcaggatca	gctggctcctg	180
atcttcgcag	gcaagatcct	caaggatggg	gacacactga	accagcacgg	aatcaaggac	240
gggctcactg	tccatctggt	catcaagacc	cctcagaagg	ctcaagatcc	agctgctgcc	300
actgcttctt	ccccctccac	acctgacctt	gcctcagcac	cctccaccac	gcctgcttca	360
cccgccaccc	ctgccagccc	ctccacctct	ggcagtgccct	cttcagat		408

<210> 2328

<211> 830

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(828)  
 <223> similar to gi487785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2328

gttgatcatg	gtccttcatc	acttaatatg	cacatcagag	atcacactgg	acgtgaacca	60
aatgaatatc	aggaatatgg	aaagaagtca	tatacacgta	accagtgtgg	acgagccttg	120
agttatcatc	gctcttttcc	agtacgtgaa	aggactcatc	ctggaggaaa	gccctatgat	180
tgtaaaggaag	tgggagaaac	ctttatttct	cttgtaagca	ttcgaagaca	catgttaacg	240
cataggggag	gtgtcactta	caaataagta	gtgtgtggga	aagcctttga	ttatcccagt	300
ttatttctga	tacatgaaag	aagtcacact	ggagagaaac	cttatgaatg	caagcaatgt	360
gggaaagcct	tcagttgttc	cagttacatt	agaatacatg	aaaggactca	cactggagat	420
aaaccctatg	aatgcaagca	gtgtgggaaa	gctttcagtt	gttccaagta	cattcgaatc	480
catgaacgaa	ctcacacagg	agagaaaccc	tacgaatgta	aacagtgcgg	taaagccttt	540
aggtgcgcca	gttctgttcg	aagtcacgag	aggactcaca	ccggagagaa	actttttgaa	600
tgtaaaggaat	gcgggaaggc	tttgacttgt	cttgcaagtg	ttagaagaca	catgataaag	660
cacactggca	atggacctta	taaataagta	gtgtgtggga	aagcctttga	tttccccagt	720
tcatttctga	tccatgaaag	gacccacact	ggagagaaac	cctatgattg	taagcaatgt	780
gggaaagcct	tcagttgttc	cagttcgttt	cgaaaacatg	aaagaattca		830

<210> 2329  
 <211> 894  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (179)...(731)  
 <223> similar to gi4101718 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2329

gcggggaccc	ggatgtgtgt	ggtggcggcg	gccgaagagc	ttgtgtgcgg	agctgagagg	60
cctatggatg	aggaggacgc	ggcggccccg	gtttgttctc	atgaacaaga	tggatgacct	120
caacctgcac	taccggtttc	tgaattggcg	ccggcgagtc	cgaggagattc	gagaggctccg	180
agctttccga	tatcaggaga	ggttcaaaca	tatcctttga	gatggagata	ctttaagtta	240
tcatgaaac	tctggtgaag	ttggctgcta	cgtggcttct	cgacccctga	ccaaggacag	300
caattatttt	gaggtgtcta	ttgtggacag	tggagtccgg	ggcaccattg	ctgtggggct	360
ggtccctcag	tactacagct	tggatcacca	gcctggctgg	ttgcctgact	ctgtagccta	420
ccatgctgat	gatggcaagc	tgtacaatgg	ccgagccaag	ggccgccagt	ttgggtcaaa	480
gtgcaactcc	ggggaccgga	ttggctgtgg	cattgagcct	gtgtcctttg	atgtgcagac	540
cgcccagatc	ttcttcacca	aaaatgggaa	gcgggtgggc	tctaccatca	tgcccatgtc	600
cccagatgga	ctgttcccag	cagtgggcat	gcactccctg	ggtgaggagg	tgcggctgca	660
cctcaacgct	gagctggggc	gtgaggacga	cagcgtcatg	atggtggaca	gttacgagga	720

tgaatggggc	cggctacatg	atgtcagagt	ctgtgggact	ctgctggagt	acttagggaa	780
gggcaaaagc	atcgtggatg	tggggctggc	ccaggcccgg	caccactca	gcacccgcag	840
ccactacttc	gaggtggaga	tcgtggaccc	tggagagaaa	tgctacatcg	ccct	894

```

<210> 2330
<211> 861
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (216)...(591)
<223> similar to gi5725506 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2330						
tcccgggtcg	acgatttcgt	ctggagtgtt	agcaccagta	ctggatgtga	cagcaggcag	60
aggagcactt	agcagcttat	tcagtgtccg	attctgattc	cggcaaggat	ccaagcatgg	120
aatgctgccg	tcgggcaact	cctggcacac	tgctcctctt	tctggctttc	ctgctcctga	180
gttccaggac	cgcacgctcc	gaggaggacc	gggacggcct	atgggatgcc	tggggcccat	240
ggagtgaatg	ctcacgcacc	tgcgggggag	gggcctccta	ctctctgagg	cgctgcctga	300
gcagcaagag	ctgtgaagga	agaaatatcc	gatacagaac	atgcagtaat	gtggactgcc	360
caccagaagc	aggtgatttc	cgagctcagc	aatgctcagc	tcataatgat	gtcaagcacc	420
atggccagtt	ttatgaatgg	cttcctgtgt	ctaatgacct	tgacaacca	tgttcactca	480
agtccaagc	caaaggaaca	accctggttg	ttgaactagc	acctaaggtc	ttagatggta	540
cgcgttgcta	tacagaatct	ttggatatgt	gcatcagtgg	tttatgcaa	gtaagtgtg	600
atttgttctc	attcaacttg	tccagagggt	ttcaatgtct	ttgtgtaaat	ggtttacata	660
gtctcactct	ctgaatcact	catctttaca	cttttttagag	tttgtaaatg	gtgaaagatt	720
tgaaaattaa	ggtatgattt	cagtgaaaag	taccaagtgt	tgtattgtgc	gaaggaaaag	780
tagactagag	ttatttttct	ttccttgagt	gtcacttgaa	tataaaagaa	taaaaatttt	840
tgaatagtgt	taaaaaaaaa	a				861

```

<210> 2331
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(420)
<223> similar to gi192459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2331
tttcgtagag gcccaagagg tgagcgaggt ctgcaccacc cctggctgctg tgatagcagc      60
tgccaggatc ctccagaaca tggacccgac cacggaaccg tgtgacgact tctaccagtt      120
tgcattgcgga ggctggctgc ggcgccacgt gatccctgag accaactcaa gatacagcat      180
ctttgacgtc ctccgcgacg agctggaggt catcctcaaa gcggtgctgg agaattcgac      240
tgccaaggac cggccggctg tggagaaggc caggacgctg taccgctcct gcatgaacca      300
gagtgtgata gagaagcgag gctctcagcc cctgctggac atcttggagg cgggtgggagg      360
ctggccgggtg gcgatggaca ggtggaacga gaccgtagga ctcgagtggg agctggag      418

```

```

<210> 2332
<211> 737
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(738)
<223> similar to gi294543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2332
tttcgtggag aaattgctga aaatctccct gaacaagata ttctgataca gagcgtctgt      60
gagacgatgg tgccaaagct ggtggcagag gacatcccg cgtctcttcag cctcctgtcg      120
gacgtgttcc ctggagtcca gtatcacagg ggtgagatga ctgcccttcg agaggagctg      180
aagaaagtgt gtcaggagat gtatttgaca tatggagatg gagaagaagt tggtggaatg      240
tggtgtgaaa aggttctcca gctctatcag atcaccaga tcaatcatgg cctgatgatg      300
gtggggccct cgggaagtgg gaagagcatg gcctggcgtg tcctgctgaa ggcatgggag      360
agactcgagg gtgtggaagg tgtggcccat atcatcgacc ccaaggccat cagcaaagac      420
cacctctacg gaaccctgga cccaacacc agggaatgga cagatgggct cttcacacac      480
gtgctgagaa agatcatcga cagcgtgaga ggcgagctgc agaagcgcca gtggatcgtc      540
ttcgatggcg atgtggatcc agagtgggtt gagaacttga actcagtgtc ggatgacaat      600
aagctcctaa ctttgcccaa tggagagcgc ctcagtcttc caccatgtgt gagaataatg      660
tttgagggtac aggacttgaa atacgcgacc ttggccacag tgtcgcgctg cggcatgggc      720
tggttcagtg aggatgtg                                     737

```

```

<210> 2333
<211> 491
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (321)...(425)
<223> similar to gi3687231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2333
gcgggtggtc gtagctcggg agtccagttg tgggtaatcg gggctgtttg ttcctgtccg      60
agagagctcg gcggagacgg ctgtcgagta cccttcacct cgggtgttggg agcctgggag      120
cgaactgcgg cgcggtgttac cgctcccggg gacgcagcaa ggggcatcga gtccctggcg      180
ggagctgcgc catggcattg ctctcgaccg tccggggcgc gacctggggg cgctcgtca      240
cccgtcattt ctcccatgca gcgcggcatg gggagcggcc tgggtggggag gagctaagcc      300
gcttgctgct ggatgacctg gtgccgacct ctcggttgga gcttctgttt ggcatgaccc      360
cgtgtctcct ggctctgcag gccgcccggc gctctgtggc ccggctcctg ctccaggcgg      420
gtaaagctgg gctgcagggg aagcggggcc agctgctccg gatggccgag gcgcgggaca      480
ttccagttct g                                     491

```

```

<210> 2334
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(414)
<223> similar to gi2370155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2334
tttcgtgccg ctctggagcg gcgggtgccg agtctcgatg acttcgcggg acagagctgg      60
agctcgtggg tggagcgggc cgacctgccc gcggctgacg gggctgagct ggaggagagt      120
agcaaaaaca cgaagaagtt ggatgccatg accctcatta aagaagacat gtccatcttc      180
gggcactgcc ctgcccatga tgacttctac ttggttggtg gtaaccactg cagccaagtg      240
gtgaagcctc aagctttcca gaagcactgc gaaagaagac atggggccct cagcaagctt      300
tatggccggg cccaccccc acctccagcc cctgccagct ctcaaaaatg ccatgtagtg      360
aatgggcagg gccagcttg tagggcccca gggtccacga aaacctctc cagggagaag      420
ggccaggg                                     428

```

```

<210> 2335
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (139)...(434)
<223> similar to gi2407245 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2335
tttcgtgtgg gtgtctcggt ggagccttgt ttagcagttt cttttctagg agcctcttga      60
aggactcacc gtagatgcag gaagacattg gatgagggtca gcatagctga agtgagggtgt    120
ctgggttaga caatggctat ggccctggaa ttgcaagccc aggcattctcc gcagccagag      180
cctgaagaac tcctgattgt gaaactggaa gaggactctt ggggatcaaa atccaaactc      240
tgggagaagg accgtggctc tgtctctggc ccagaggcct cccgccagcg cttcaggcaa      300
ttccaatata gggatgcagc tggacccac gaggccttca gccagctctg ggctctctgc      360
tgtcgttggc tgaggccgga gatccgtctc aaagagcaga tcctggagct gctcgtgctg      420
gagcagttcc tgg                                     433

```

```

<210> 2336
<211> 517
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (8)...(486)
<223> similar to gill145791 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2336
tttcgtcggg gatgaagatg aagacatccg ggacaggggt gctaaacccg tcatggtcta      60
catccacgga ggctcttaca tggaaggagc aggcaacatg attgatggca gcacccctgc      120
cagttatggc aatgtcatcg tcatcaccct caactatcgg gttggagtgc taggtttcct      180
gagtactgga gatcaggctg ccaagggcaa ctatgggctc cttgaccaga tccaggccct      240
ccgctgggtg agcgagaata ttgccttctt cgggggagac ccccgccgga tcaactgtctt      300
tggtctgggc attggtgcat cctgcgtcag cctcctcacg ttgtcacatc actcagaggg      360
acttttccag agagccatca tccaaagtgg ctctgctctg tccagctggg ctgtgacctc      420
ccaaccagtg aagtacaaca gcctgctgac agacaaagtg ggctgtaatg tgctggcccc      480
cgtacgaaat cgtagncccg ggggttcacg gaccata                                     517

```

```

<210> 2337
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (68)...(998)  
 <223> similar to gi4240231 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2337  
 ggaaggagct gctggacagg ccgagggagc ctacgtccga gaccgcgcag acgccgccgc 60  
 catggtaaga aaatcatttt tgagttacaa cacaaccatc tggggccctt tggaactggt 120  
 ggagaagctg taccgccgaag cagaggaaat aggagctaga gtccgggatc tacctggtct 180  
 gaagacccct ctgggtcgag caagagcgtg gcttcgatta gccctcatgc aaaaaaaaaat 240  
 ggccgattac ttacgttgct caattattcg gagggatctc ttgagtgagt tttatgagta 300  
 tcacgcacta atgatggaag aagaaggagc agtaattggt gggctgctgg ttggcctgaa 360  
 tgtgatcgat gctaactctgt gtgtgaaggg agaggattta gactcacaag ttggagtgat 420  
 tgatttttct atgtatttaa agaataaga agatattgga aataaagaaa ggaatgttca 480  
 aattgctgcc atattagacc aaaagaatta tgttgaagaa ttaaatagac aactgaacag 540  
 cacagtcagc agcctccatt caagagttga ttcattagaa aagtcaaata ctaagctgat 600  
 tgaagagtta gcaatagcaa agaataacat cattaactc caggaagaaa atcatcaatt 660  
 acgaagtga aataaattga ttttaattgaa aacacagcag cacctagagg ttaccaaagt 720  
 agatgtggaa actgagcttc aaacatataa gcattctcgt caggggctag atgaaatgta 780  
 caatgaagcc agaaggcagc ttcgagatga atctcagtta cgacaggatg tagagaatga 840  
 gctagcagta caagttagta tgaagcatga gattgaactt gccatgaagt tgctggagaa 900  
 agatatccat gagaaacaag atactctgat aggccttcga caacaactag aggaaggtaa 960  
 agcaattaac atagagatgt atcaaaagtt gcaggg 996

<210> 2338  
 <211> 597  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (154)...(598)  
 <223> similar to gi296605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2338  
 aaaatcttac caactcatag agttgggggtg agaattcgaa ggtaattcta tataaggtaa 60  
 ggcctccagc aagagctatg gtggttgatg cactgactga ggctggggga ggccctcact 120  
 caccctcctt ccttcttggt tttctcctac ccagatgtgg cagtggatgg gcagaactgg 180  
 acgtttgctt ttgacttctc cttcctgagc caacaagagg atctggcatg ggctgagctc 240  
 cggtgcagc tgtccagccc tgtggacctc cccactgagg gctcacttgc cattgagatt 300  
 ttccaccagc caaagcccga cacagagcag gcttcagaca gctgcttaga gcggtttcag 360  
 atggacctat tcaactgtcac tttgtcccag gtcacctttt ccttgggcag catggttttg 420  
 gaggtgacca ggcctctctc caagtggatg aagcgccctg gggccctgga gaagcagatg 480  
 tccagggtag ctggagagtg ctggccgcgg ccccccacac cgctgcccac caatgtgctc 540  
 cttatgctct actccaacct ctcgcaggag cagaggcaga tgggtgggtc caccttg 597







<210> 2342  
 <211> 556  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (11)...(516)  
 <223> similar to gi3786430 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2342  
 caggctgtta agacaagagc ttgtggtgct ttgccacctt caccacccca gtttgatata 60  
 tttgctggca gctgggattc gtccccgat gtgtgtgatg gagttagcct ccaaggggttc 120  
 cttggatcgc ctgcttcagc aggacaaagc cagcctcact agaaccctac agcacaggat 180  
 tgcactccac gtagctgatg gtttgagata cctccactca gccatgatta tataccgaga 240  
 cctgaaaccc cacaatgtgc tgcttttcac actgtatccc aatgctgcca tcattgcaaa 300  
 gattgctgac tacggcattg ctgagtactg ctgtagaatg gggataaaaa catcagaggg 360  
 cacaccaggg tttcgtgcac ctgaagttgc cagaggaaat gtcatttata accaacaggc 420  
 tgatgtttat tcattttggt tactactcta tgacattttg acaactggag gtagaatagt 480  
 agagggtttg aagttttcaa atgagtttga tgaattagaa atacaaggaa aattacctga 540  
 tccagttaaa gaatag 556

<210> 2343  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (89)...(722)  
 <223> similar to gil825699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2343  
 atgatctcac cgatggctca ctgtgacctc cgcctctcgg gttcaagtga ctcttctgcc 60  
 tcagcctcct gagtggctgg gactataggt tgctgaccag caatcatcca tgtttgagaga 120  
 gtgctgcttc cagacagggt atgtgaaatt aaccatggga actgggacat ttttgatat 180  
 taacactgga tatagccttc aacagactac tggaggcttt tatccattaa ttgggtggaa 240  
 gattgggcaa gaagtcgtat gcttagctga aagcaatgca ggagacactg gtactgccat 300  
 aaaatgggct cactatttag accttttcac agatgctgct gagactgaaa aaatggccaa 360  
 aagtttgag gattctgaag gagtttggtt tgttccatct tttagtggat tacaggctcc 420  
 attaaatgac ccctgggcat gtgcctcttt tatgggtttg aagccttcta ccagtaaata 480

ccatcttgta	cgagcaatat	tggagtcaat	agctttcaga	aacaaacagt	tatatgagat	540
gatgaagaaa	gagattcata	ttcctgtaag	aaaaatccgg	gcagatggag	gagtttgtaa	600
gaatgggtttt	gtcatgcaga	tgacttcaga	cctgattaat	gagaatatag	acagacctgc	660
cgacattgac	atgtcatgcc	tgggtgcagc	ttctctagct	ggccttgctg	ttggatatgtg	720
tgaaatttat	aagaatgaga	gttttcttgc	aaactcttcc	ttacagatag	catttctcct	780
ctcaaattac	aaaattctag	agagtcaaaa	aaaaaa			816

<210> 2344  
 <211> 914  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(917)  
 <223> similar to gi3327078 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2344						
ggaattcgcg	gccaaggagg	acagcccagg	ccaaggcagg	caacctcatg	tcagccatgc	60
tgcattgtga	ggccctggag	aggcagctgt	ttctggaacc	ttctcaggca	cttgggcctc	120
cagagcctcc	ggaagccaga	gtgcccgga	aggcccaacc	agaggtggat	actaaggcag	180
agcccagcca	cacagcagcc	ctcaccgcag	tggccctgaa	gccacctccc	gtggagctgg	240
aagtcaacct	cctgaccccc	ggggccgttc	cccctacagt	ggtctccttt	ggaacggtga	300
ccaccccagc	tgaccggctg	gccttgatag	ggggcctgga	gggcttcctg	agcaagatgg	360
cagagcacag	gcagcagccc	gacatcagga	ccctcacgct	actggccgag	gtgggtggagt	420
ccgggagtc	tgcagagtcc	ttgctgctgg	ccctcctgga	tgagcaccag	gtagaggccg	480
acctgacatt	ctttaacacg	ctgggtgagaa	agaagagcaa	gctgggagac	ctggaggggg	540
ccaaggcgct	gttgccggtc	ctggcaaaga	ggggcctcgt	ccccaacctg	cagacattct	600
gcaacctggc	catcggtg	cacaggccga	aggacggtct	acagcttctc	acagacatga	660
agaagtcca	ggtgaccccc	aacactcaca	tctacagtgc	cctcatcaac	gcggccatca	720
ggaagctgaa	ctacacctat	ctcatcagca	tcttgaagga	catgaagcag	aacaggggtcc	780
cggtgaacga	agtgggtcatc	cgccagctgg	agtttgagc	ccagtaccct	cccacctttg	840
accggtacca	agggaagaac	acctacctgg	agaagattga	cggcttccga	gcctattaca	900
agcagtggct	gacg					914

<210> 2345  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(423)  
 <223> similar to gi211622 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

094631 012100

```

<400> 2345
gaggacccta caggtgctgc tggacttac acatggccag tcccaagacg aggtggccca    60
ggccgcggaa gccctgagac acagaggtat cgacatctac tccgtgggca ttggggatgt    120
ggatgaccag cagctcattc agatcaccgg gactgcagag aaaaaactga cagtgcacaa    180
cttcgatgaa ctgaagaagg tcaataaaaag gatcgttcgc aacatctgta ccacagcggg    240
tgaaagcaac tgtttcgtgg atgttggtgt gggatttgat gtctcaactc aggagaaagg    300
gcagactttg cttgaaggtc agccttgat ggaaacctac cttcaagaca tcttacgtgc    360
catcagctcc ctcaatggag taagctgtga ggtgggcaca gagactcagg tcagtgtggc    420
ttttcaagtg

```

```

<210> 2346
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(579)
<223> similar to gil545959 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2346
ccagcccagc gccaaagccc tggggagcat cctggcctac ctgacggacg ccaagaggag    60
gctgcgcaag gttgtctggg tgagccttcg ggaggaggcc gtgttggagt gtgacgggca    120
cacctacagc ctgcggtggc ctggggcccc tgtggctcct gaccagctgg agaccctgga    180
ggcccagctg aaggcccatc taagcgagcc tccccaggc aaggaggggc ccctgacctc    240
caggttccag acctgcctta ccatgcagga ggtcttcagc cagcaccgca gggcctgtcc    300
tggcctcacc taccaccgca tccccatgcc ggacttctgt gccccccgag aggaggactt    360
tgaccagctg ctggaggccc tgcggggccg cctctccaag gaccaggca ctggcttcgt    420
gttcagctgc ctgagcggcc agggccgtac cacaactgcg atggtggtgg ctgtcctggc    480
cttctggcac atccaaggct tccccgaggt ggggtgaggag gagctcgtga gtgtgcctga    540
tgccaagtgc actaagggtg aatttcaggt gagcatgccc tgcgggggtcc ctgaggcacc    600
ttgggatggg aggaggagga ggactcctgc ttgccggtct aggggtcctc aaagg        655

```

```

<210> 2347
<211> 1289
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1290)

```

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (183)...(905)

<223> similar to gi5532497 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2347

agggcagggg	tcagaaagac	tgaatgtaaa	gctgggctct	gagtctgcca	ggcccttcgt	60
gtgttgctct	gcacattaat	taaaggggtct	acgaggtcag	caaggacgcc	caagaagact	120
cagtcagtga	aggtgaactg	ctcctgtttt	ccagtgtgat	tgtcctgctc	caggtgggtat	180
gcagctgccc	ggacaagtgt	tactgtcagt	catctacaaa	ttttgtagac	tgacgccagc	240
agggctctgg	cgaatccct	tcccatTTac	ctcctcagac	tcgaacgctg	catttacaag	300
ataatcagat	acaccatctt	cctgcttttg	catttaggtc	agtgccatgg	ctcatgacct	360
taaacttgct	caacaattcc	ctttcaaatt	tggcccctgg	agctttccat	gggcttcagc	420
acttgacagt	tttaaattct	acccagaatt	cactcctttc	cctggaaagc	agacttttcc	480
attccctccc	tcagctgagg	gagcttgatt	tgtcatcaaa	caacataagc	caccttccca	540
catccttggg	agagacttgg	gagaacctaa	ctatacttgc	ggttcaaaa	aaccagcttc	600
agcagcttga	tcgagcgtc	ctggaatcca	tgcccagtgt	gaggctttta	cttctcaagg	660
acaacctctg	gaaatgcaat	tgccacttgc	tcggtcttaa	actctggctg	gagaaatttg	720
tctataaagg	gggactaaca	gacggcatca	tctgtgaatc	accagacacc	tggaagggaa	780
aggacctcct	taggatccct	catgagctgt	accagccctg	ccctcttccct	gctcctgatc	840
cagtgtcctc	gcaggnetca	gtggcccggc	tctgcccccg	gtgtggctct	gaggcctcct	900
tgagaaccac	aacgtggggg	agcgaggaac	tcttgggagt	tgcgagctca	aaccaagacc	960
aaggccggcc	caacctgcgt	catgcccatt	gccactgtca	tcattcactg	gcgttggtgt	1020
tgggatttgt	tgtctcatga	tgttgggcag	ttgccatctt	atggctgcaa	ctatgcggca	1080
atcacagccc	agtaacctgg	gggacccctg	gctcaaacca	atgtatcctg	ggaaggtgga	1140
agaaaaagag	cgattttgac	agctcaccag	cctgagagct	tttgtctcaa	atagggattg	1200
gtcattgcag	gccagaagat	agtgtctgag	tagggctgat	gtgtttcctg	ttagtctgat	1260
tttgcttttg	ccaaaagaca	aaaaaaaaa				1289

<210> 2348

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(788)

<223> similar to gi4104168 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2348

cccgggtcga	cccacgcgtc	cggagactca	acaccagcat	tcaggagatg	ctccgagtgc	60
ttttctccac	agactcgagg	gtacagaaga	tgtttgagat	cctcttggtat	gaaaacagtg	120
aggctgataa	gcgggaaaag	gctgccaaca	atctcattgt	cctaggccgt	gaggaagcag	180

```

gggctgagaa gatcttccag aacaatggag tagccttgct actgcagctt ctggacacta 240
agaagcctga gctggtgctg gctgcagtgc ggacctgtc gggcatgtgc agcggccacc 300
aagccagagc cacagtgatt ctgcatgcag tgcggataga ccgaatctgt atcctcatgg 360
ccgtggagaa tgaggagatg tctctggctg tctgcaacct gctccaagcc atcattgact 420
ccttgtctgg ggaggacaag cgggagcatc gagggaagga ggaggccctg gttctagaca 480
ccaagaagga cctgaagcag atcaccagcc acctgctgga catgctagtc agcaagaagg 540
tgtctggcca gggcagggat caggcgctga acctgctcaa taagaatgtt cccaggaagg 600
accttgccat tcatgacaac tcacgtacca tctatgtggt ggataatggt ctgaggaaga 660
tcctgaaggt tgtggggcag gttccagatc tgccatcctg cctgcccctg actgacaaca 720
cccgcattgt ggcctctatc ctcatcaaca agctctatga tgacctgcgc tgtgacccgg 780
agcgc 785

```

```

<210> 2349
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(579)
<223> similar to gi3882221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2349
aacgtcatgc atctctggcc attcaccata catgatctac gaggtctggg tgccaagaag 60
ttctatggca agttctgtgc tggagccatc gaccatatca gtatccgtca gctccaacta 120
atacttttga aagtagcctt gatcctaggc attgaaatcc acgtcaatgt ggaattccaa 180
ggacttatac agcctcctga ggaccaagag aatgaacgga taggctggcg ggcaactggtg 240
caccccaaga ctcatcctgt gtcagagtat gaatttgaag tgatcatcgg tggggatggt 300
cggaggaaca ccttggaagg gtttcgtcgg aaagaattcc gtggcaaact ggccatcgcc 360
atcacggcaa attttatcaa ccgaaatata acagcagaag ctaaagtgga agagatcagt 420
ggtgtggctt ttatattcaa ccaaaaattt ttccaggaac tgaggggaagc cacaggtatt 480
gacttgagga acatcgttta ctacaaagat gacacacact atttcgttat gacagccaaa 540
aagcagagtt tgctggacaa aggagtgata ctacatgtga gccacggatt tccttcaaaa 600
ctctttctta ttgaagtggc taatatcacc aa 632

```

```

<210> 2350
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(429)
<223> similar to gi930104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2350
caaaggccag taatagtacc catgagtttc gtattggcct acctgagggg tgggaatccg      60
aaaaaaaaggc agttatcccc ctgggggatcg ggccaccctt gactttaatc tgcctagggg      120
ttctggggggg tattctcatc tacgggagga aaggcttcca aactgcccac ttttacttaa      180
aggacagtcc atcccctaaa gtaatatcca cccctccacc acctatcttt ccaatttcaa      240
aggaggtcgg accaattcca ataaagcact ttccaaagca tgtggcaa at ttacatgcaa      300
gtaggggggtt tactgaaaaa tttgaaacac tgaaaaagtt ttaccaggaa gggcaaagct      360
gtactgttga cttagggtatt acagcaaaca gctccaacca cccagacaac aggcacagga      420
atcgatcctt aattg                                         435

```

```

<210> 2351
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(427)
<223> similar to gi3882141 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2351
aattcccggg tcgagggcta catcagcaac ctgcggaagc agctggagac gctgtctggg      60
gacagggtga ggctggactc ggagctgagg aatgtgcggg acgtagtgga ggactacaag      120
aagaggtatg aggaggaaat caacaagcgg acagcagcag agaacgagtt tgtgtctgctc      180
aagaaggatg tggatgctgc ttacgccaat aaggtggaac tgcaggccaa ggtggaatcc      240
atggaccagg agatcaagtt cttcaggtgt ctctttgaag ccgagatcac tcagatccag      300
tcccacatca gtgacatgtc tgtcatcctg tccatggaca acaaccggaa cctagacctg      360
gacagcatca ttgacgaagt ccgcacccag tatgaggaga ttgccttgaa gagtaaggcc      420
gaggct                                         426

```

```

<210> 2352
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(449)
<223> similar to gi186772 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2352
ctacacggcc ggaattcccg ggtcgagga ggtgtggtgg tggtaggat gggatccatg 60
gaaggggggt tggctctagg agcctctaca atctgggtgg cagtagaagc atctccatta 120
atctaattgg gagagcact agtggtttct gccaggggtgg gggagtaggg ggatttggag 180
ggggcagagg ctttgggggt ggcagcactg gggctggtgg ctttggagga ggtgggtttg 240
ggggtgctgg atttgggact agcaattttg ggcttggggg ctttgggtcct tattgtcctc 300
ctgggggcat ccaagaggtg accattaacc agagcctcct agagccactt cacctggagg 360
tggaccctga aattcagagg atcaagaccc aggagcggga gcagattatg gttctcaaca 420
acaagtttgc ctccttcatt gacaaggcg 449

```

```

<210> 2353
<211> 883
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (544)...(803)
<223> similar to gi2104558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2353
tcagatgtga ctttcctggt ggaaggaaaag ctgttttatg cacataaagt cctgctggtg 60
acagcttcta acaggtaggc agcctcagat aacaaaactcc cagcccaggg gcacagaagc 120
accttgtttc agattccagg tgacagagag tgactcgctg gggctgtacc ctgcagcctc 180
tgcccctcag actgcagtca cattgcagca gagccccact cgccccacag cgggatgaga 240
cggggtggac ccagggcagc aggaaagggg ggctctgagg tgggtgttctt tctggcctag 300
ttattgcttt tattattaga aaacataaat atcctggaat gaagagtcag cattctggcc 360
acaggcgtca ggtcgcttgt aggggtgggtg gtggggacag aattgggctc agctcagatg 420
tcttcctaag atggtgtaaa atggcacttg ctgaaaatta ttttaggagc acagcagtaa 480
tttttaaaat gttccgtctt gtggtagccg gtcaggtgac agatggtgcc atcgccacac 540
agtgtggaag taaaagggtt aaaacccacc ttgctttgtc tcctttgctc cagggttcaag 600
acactaatga ccaataaatc agaacaggat ggggacagca gcaagacat cgagatcagc 660
gacatgaagt accacathtt tcaggtgtgt gggctcttgt gccgccctct tctcagaggg 720
atgaccctcc cccaggagcc caccttgttg gcagctgtgc attggttgct attgttact 780
ctattcccag tgccttctgt attctgttga atgaatagag catccaggtc tttccctgtg 840
cagaggtagc catccgttgt ggggctgcag cttcagagcc tgt 883

```

```

<210> 2354
<211> 726
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (2)...(593)  
 <223> similar to gi3874826 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2354  
 cccacgcgtc cgcttgagca aggtccggca caagctccgc aagttcctcc agaggcggcc 60  
 cacctgcag tcgctgcggg agaagggcta catcaaagac caggtgttcg gctgcgcgct 120  
 ggccgcgctg tgtgagcgcg agaggagccg ggtgccacgc ttcgtgcagc agtgcacccg 180  
 cgccgtcgag gcccgcgggc tggacatcga cgggctgtac cgcacacagtg gaaacctggc 240  
 caccatccag aagctacgct ataagggtgga ccacgatgag cgccttgacc tggatgacgg 300  
 gcgctgggag gacgtccacg ttatcacccg agccctgaag ctcttctttc gggagctgcc 360  
 cgagcccctc ttcccccttc cgcacttccg ccagttcatt gcggccatca agttgcagga 420  
 ccaggcccgg cgcagccgct gtgtgcgtga cttggtgcgc tcgctgcccg ctcccaacca 480  
 cgacactctg cggatgctct tccagcacct ctgccgggtg atcgagcacg gcgagcagaa 540  
 ccgcatgtcg gtgcagagcg tggccattgt gttcggggcc acgctgctgc ggcccgaggt 600  
 ggaagagacc agcatgcca tgaccatggt gttccagaac caggtggtgg agctcattcc 660  
 tgcacagtg cgcgacatc ttcccggcgc actgactgct ggctgtgac tggggacggc 720  
 ggtcgc 726

<210> 2355  
 <211> 652  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(653)  
 <223> similar to gi3882331 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2355  
 gaccaacaag tcgagtggat ccagaactgc ccctcccggc gcagccagcc cgtggaccac 60  
 gattgtaact ccttgctggt cacgctgagt tttgacctgt gtgagcgggg ccgccggggc 120  
 ctggagacag cctctcacag catgtctgca agcctggagc ccttccctcta cggcctgcac 180  
 gccctgttca agggggattt tcgcatcacc tccccacgtg acgagtgggt ctttgccgac 240  
 atggacctgc ttaccgcgct tgtggcgcc tggggttcga tggccctcaa gcttcaccag 300  
 gaccatttca cgtccccaga tgaatatgag gagccagcag ccctatacga tgccattgag 360  
 gccaacgagg agcggctggt catctcacat gaggggtgacc cagcatggcg cagcgccatc 420  
 ctacagcaaca cgcctccct gctggcgctg cgccatgtcc tggatgatgc ctccgacgag 480  
 tacaagatca tcatgtcaa ccggcgccac ctacgcttcc gagtcatcaa ggtgaaccgg 540  
 gagtgcgtgc gcggcctgtg ggccggggcag cagcaggagc tgggtgttcct gcgcaaccgc 600  
 aaccccgagc gtggcagcat ccagaacgcc aagcaggcgc ttcgcaacat ga 652

<210> 2356  
 <211> 641  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (60)...(641)  
 <223> similar to gil778382 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2356  
 gccactcaat atcggaagg ctgggacgcc tgtggggacc gccacgttat tcgcggggcg 60  
 acccacgcgt ccgacccaag gagaagctgc acaccctgga ggagttctcc tatgagttct 120  
 tcagggtctcc agagaaggac atgggtgagca tggccgtgct gccctggcc cgtgcccgtg 180  
 gccacctgtg ggcctattcc tgcgagccgc tgcgacagcc gctgctcaag cgagtccacg 240  
 ccaacgtcga cctctgggac atcgctgcc agatctttgt cgccatcctc cgttacatgg 300  
 gcgactaccc ttctcggcag gcctggccca ccctggagct caccgaccag atcttcacac 360  
 tggccctgca gcacccggcc ctccaggacg aggtctactg ccagatcctg aagcagctga 420  
 cgcacaactc caacaggcac agcgaagagc ggggctggca gctgctgtgg ctgtgcacgg 480  
 gcctcttccc gccagcaag gggctgctgc cccatgccca gaagtttata gacactcgga 540  
 gggggaagct gctggccccc gactgcagcc gccgaatcca gaaggtcctg aggacggggc 600  
 cccggaagca gccccgcac catgtggagg tggaggccgc t 641

<210> 2357  
 <211> 479  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(469)  
 <223> similar to gi211616 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2357  
 tgatactgga cagaaaggct tgcctggccc tcctggcccc cctggctatg gatcacaggg 60  
 aattaaagg gaacaaggac cacaaggctt cccaggccca aagggcaca tgggccatgg 120  
 cctccaggc cagaaggag agcacggaga acggggcgat gtgggaaaga aaggtgataa 180  
 aggagaaatt ggagagcctg gatctccagg aaaacagggt ttacaaggac ccaaaggaga 240  
 cctaggactt acaaaagaag aaattatcaa acttattaca gaaatatgtg gttgtgggcc 300  
 caaatgaaa gagactccac tagagctggg gttgtgtatc gacagctcag aaagcgtggg 360  
 gccagagaac ttccagatca ttaaaaattt tgtgaagact atggctgacc gggttgctct 420  
 ggaccttgcc acggcccgc taggcataat caactatagc cataaggtgg agaaggtgg 479



tgttacagac ggggtttcac catgttggtt gggctggt

698

<210> 2360

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(672)

<223> similar to gil212992 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2360

agggtcgacc	cacgcttccg	catgatacat	acaccttttag	aggacactgt	ttctgttgaa	60
ggtgatattg	ttcacctcac	aacatccata	acaaatgcta	aagaggtgaa	ttggtatattt	120
gagaataaac	tggtgccttc	agatgaaaag	ttcaagtgtt	tacaagatca	aaatacatat	180
acgctagtca	tcgacaaagt	aaataccgaa	gaccatcaag	gagagtatgt	ctgtgaggcc	240
ttgaatgaca	gcggaaaaaac	agcaacttca	gccaaactca	ctgtagtaaa	aagagctgcc	300
ccagtgatca	agaggaaaaat	cgaacccctg	gaagtagcac	tgggccacct	agccaaattc	360
acctgtgaga	tccaaagtgc	tcccaatgtc	cggttccagt	ggtttaaagc	tggccgagaa	420
atztatgaga	gtgacaagtg	ttctattcga	tcttcaaagt	atatctccag	ccttgaaatc	480
ctgagaaccc	aggtggttga	ctgcggcgag	tatacatgca	aagcttccaa	tgagtatggc	540
agtgtcagct	gtacagccac	actaactgtg	acagaaccac	caaagtttgt	aaagaaatta	600
gaagcctcca	aaattgtgaa	agcaggtgac	tcttcacgac	ttgaatgcaa	gatagctgga	660
tccccagaaa	tcagagttgt	gtgggtccga	aa			692

<210> 2361

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (20)...(738)

<223> similar to gil666689 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2361

gtttgaacag	cccggaaacc	cgggcgaccc	acgcgtacga	actccgcccc	catggggggcc	60
ccactttttc	gctttgatcc	cttcttcccc	caaagaggtc	ccagctaccc	catcctccag	120
aagggacccc	attgcccaca	cagcgactct	tctctctaaa	aagaccccag	caactctagc	180
ccccaaagag	gccctcattc	ccccagctat	gactgttccc	tcccctaaaa	agaccccagc	240

aattccaacc	cccaaagaag	ccccagctac	cccatcctcc	aaagaggcct	ccagtcccc	300
agcagtgact	ccttccactt	acaaaggggc	cccatcccc	aaagagctcc	tcattccacc	360
agctgtgact	tctccttccc	ccaaagaggc	acctactcct	ccagtgtgta	ctcctccatc	420
ccccgaaaag	ggcccagcaa	ctccagcccc	caaagggact	cccacttccc	cacctgtgac	480
tccttcctcc	ctcaaagact	cccctacttc	cccagcttct	gtcacatgta	aaatgggggc	540
cactgttcct	caagcatcta	aagggcttcc	agcaaagaaa	ggccccacag	ctctgaaaga	600
agtacttggt	gccccagctc	cagaaagcac	gccaatcatc	acagctccca	ctcggaaagg	660
tccacagacc	aaaaagagtt	ctgctacttc	acctcctata	tgcccagatc	cctcagctaa	720
gaatggttct	aaagga					736

<210> 2362  
 <211> 862  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(856)  
 <223> similar to gil61804 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2362		
agaaggtcaa	ggaagatgag gatgatggtg tgggtgatgg ggatgaggac actgacagtg 60	
ccatagggag	cttccgatat tcttcccgca gtaattccca gaaacctgaa acagacacat 120	
gctcctccct	ggctgtctgt gatcactatg caagtggcag cagagttggc aaagagatgg 180	
atagcagtat	taataagtgg ctcaagtggcc tcaggacgga ggaaaaacct cctttccaaa 240	
gtgactggtc	tggaaagttcc agaggggaagt acaccagatc gtccctgctc agggagacag 300	
agtctaaatc	ctccagttac aagttttcca aatcccagtc agaggaacag gacacctcct 360	
cctaccacga	ggcaaattggc aactctgtaa gaagcacttc acggttctca tcttctcca 420	
ccagggaggg	cagagagatg cacaagttct ccaggtccac gtacaacgag acctcaagtt 480	
cccagagagga	gagcccagag cctacttct tccgccggac cccagagtcc tcagaaaggg 540	
aagagtcccc	agaaccacag cgcccaaatt gggccaggtc cagggactgg gaagatgtgg 600	
aagagtcatc	caagtccagac ttctctgaat ttggagccaa gaggaagttc acccagagct 660	
ttatgaggtc	tgaagaagag ggagagaaa agaggacaga aatcagagaa gaaggagggt 720	
ttgcatctgg	acggcggtcc cagtatcggga gaagcaatga cagggaggaa gaggaagaaa 780	
tggacgatga	agccatcatt gctgcttggga gacgccggca agaagaaacc aggtccaagc 840	
tgcagaaaag	gagggagtgt ac	862

<210> 2363  
 <211> 521  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(523)

<223> similar to gi3047189 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2363

cgacacattc	gggcagaagc	gcatcatctc	gccatccttt	gataacatca	aatattataa	60
ctttgttata	gaagagtacc	cgctggctgc	ccagggtctt	gactgggagc	tgtggtgccg	120
ctacctaaat	cccccaagg	cctggtggaa	gctggagaac	tccacagcgc	caatcaggag	180
ccctgccctc	attggctgct	tcattgtgga	ccggcagtac	ttccaggaga	tcggcctgct	240
ggacgaaggc	atggaagtct	acgggggcga	gaatgtggag	cttgggatca	gggtgtggca	300
gtgtggcggg	agtgtggagg	tcctgccctg	ctcacggatt	gcccacattg	agcgagccca	360
caagccctac	acagaggacc	tcaccgcca	tgtccgcagg	aacgctctca	gggtggctga	420
agtctggatg	gatgaattta	aaagccacgt	ctacatggca	tggaacatac	cgcaggagga	480
ctcaggaatt	gacattgggg	acatcactgc	gaggaaagct	t		521

<210> 2364

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(589)

<223> similar to gi407139 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2364

aaatcaacct	ttgagatctc	ttcagtccag	gcttccgatg	agggcaatta	cagcgtggtg	60
gtagaaaaca	gtgaaggga	acaagaagca	gagttcactc	tgactattca	aaaggccagg	120
gtaactgaaa	aggctgtgac	atcaccacca	agagtcaa	ccccagagcc	tcgggtgaaa	180
cccccagaag	cagttaagtc	tccaaaacga	gtgaaatctc	cagaaccttc	tcacccgaaa	240
gccgtatcac	ccacagagac	aaaaccaaca	ccaacagaga	aagttcagca	cctcccagtc	300
tctgccccac	caaagattac	tcagttcctg	aaagcagaag	cttctaaaga	gattgcaaaa	360
ctgacctgtg	tggttgaaa	cagtgtatta	agggcaaaa	aggtcacctg	gtataaagat	420
ggcaagaaac	tgaaggaaaa	tgggcatttc	cagtttcatt	attcagcaga	tggtacctat	480
gagctcaaaa	tcaataacct	cactgaatct	gatcaaggag	aatatgtttg	tgagatttct	540
ggtgaagggtg	gaacgtctaa	aaccaactta	caatttatgg	agcaagctat	cattaaacat	600
gtctgtttat	cc					612

<210> 2365

<211> 707

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(709)  
 <223> similar to gil212992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2365  
 tcttgagacc agtgccagac tgcacgtgga gactgtcaag atcattaaaa agccaaagga 60  
 tgtgacagcc ttggaaaatg ccactgttgc ctttgaagtt agtgtttccc atgacactgt 120  
 tccagtaaaa tggttccata agagtgtgga aattaagcca agtgacaaac acagactggt 180  
 ctgagaaaagg aaagtccaca agctgatgct gcagaacatc tccccctcag atgctgggga 240  
 atacacagct gtggtcgggc aattggaatg caaagcaaaa ctgtttgtgg agacattaca 300  
 tattacaaaa accatgaaaa atatcgaggt gcctgagacc aaaactgcct cttttgagtg 360  
 tgaggtgtcc cacttcaatg tcccttccat gtggctgaag aatggtgtgg aaattgagat 420  
 gagtgaaaag ttcaagatag ttgtgcaggg aaaactccat cagctgatca tcatgaacac 480  
 cagcacagag gactcggcag aatacacatt tgtctgtggc aatgaccaag tcagagccac 540  
 cctgacagtc accccaatca tgattacttc catgctgaaa gacatcaacg ctgaagaaaa 600  
 agacactatt acttgtgatg tgacagtga ctatgaaggc atctcttaca aatgggtaaa 660  
 gaatggtgtg gaaatcaa atcaactgacaa gtgccagatg agaacca 707

<210> 2366  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (752)...(463)  
 <223> similar to gil1017427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2366  
 gaaccattac ggcgctgac caattggctc acttgcagag aaacatttgc gcattgttct 60  
 gttatatgaa ctgcaaccca tttggtagtc aaagaggtgt actgtgcaac tcttcccca 120  
 attctagaaa gtgagaattg ttaaaattct tgattttaaa cttcaacttt aacactttct 180  
 taaagctgaa gtctctaaga aaactgtngt agaagaaaag agatttgttg ctgaagaaaa 240  
 actatccttc gcagttcctc aaagagtggg agtcacgcgg cacgaaggta tataatcgga 300  
 agtcagggga taaatgagtt tgtgtgtgtt tcctcaaagt ctcttcttct tccacatgtg 360  
 attgtttact ttagaacatg tcctcatcag ttatttctcc ttatgttggg attagaatgt 420  
 gtctaccttt tgtagccttc tgggactgag tcttttgtgt ctatgttggc cttgaatcat 480  
 tcgaaggaag tggatgagtc ccgaaaatgt tataattttg aaagtggcca cacttgga 540  
 taactcaagt atcattctca gtcttgggct gtacttggcc tcatattaaa ttagcttcct 600

ccttcttata	gtgaggaagt	accatgaagc	tatgtcctaa	gcagatagaa	gaacagttat	660
ccatctgtag	tgaccacatg	gctgtatata	catctgtatc	tcagcaggct	gaatttaa	720
gaaaccttat	ctttaaagta	tctgcagagg	ag			752

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<210> 2367
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(405)
<223> similar to gi2970644 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	2367					
tgaatttcat	gctgaaaaag	aagagatagt	gaaagggtgat	gtacaacaag	caataaaaaa	60
cctgttctct	gaggaaagat	ctgtaaagaa	aggcatctta	attcaggaag	atgaaaaagg	120
agatattaac	atgactatct	attgtcttct	tcatgaaaat	gatggtgaca	caattgagcg	180
tgaagaagta	ataggtggtg	atgtcaaacg	taccattcat	aatttattgt	cttccacatc	240
aaacaataaa	atatctgaaa	gggctaaaat	tgatgcctct	gagagaggaa	atgttcagtt	300
tttcacaacc	tgcatagaag	ctggagcttt	ggattatctg	aaacaactcc	acacagagtc	360
aaatgaaaca	ctgacagcta	agaaacaaga	aggagagaaa	gaaatcattg	gtgggtgatgt	420
tgaagggtaca	aaactgttac	tgaagaaaag	gcagtctctg	gttgaacata	ctgttagtga	480
aactgacatc	atccctggag	atgtgcataa	cacagttaag	gtttttatga	ccgagcctca	540
gagtaca						547

```

<210> 2368
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(563)
<223> similar to gi3116214 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	2368					
aattctcgcg	tcgacccacg	cgteccgatcg	agaaagcccg	gccctactat	gaggctcggc	60
ggctgtctaa	ggaggttcag	caggagacac	agaaggcagc	gctgcggtgc	gagcgggccg	120
taagcatgca	caacgctgct	cgagaaatgg	tgtttgtggc	tgagcagggc	gtcatggctg	180
acaagaaccg	actggacccc	acgtggcagg	agatgctgaa	ccatgctacc	tgcaaggtga	240



atgaggcgga	ggaagagcgg	cttctaggtg	agcgggagca	ccagcgagtg	actcggctgt	300
gccaacaggc	tgaggctcgg	gtccaagccc	tgcagaagac	cctccggagg	gccatcggca	360
agagccgccc	ctactttgag	ctcaaggccc	agttcagcca	gatcctggag	gagcacaagg	420
ccaaggtgac	agaactggag	cagcaggtag	ctcaggccaa	gacgcgctac	tccgtggccc	480
ttcgtaacct	ggagcagatc	agcgagcaga	ttcacgcacg	gcgccgcggg	ggtctgcctc	540
cccacccct	gggccctcgg	tgctcctccc	ccgtg			575

```

<210> 2369
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(608)
<223> similar to gi3970966 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2369						
taatatcaac	gaagccatgg	ctacgagggc	taatgtgggg	aaaaggaaaa	acataaccac	60
tggggcatct	gcagcatccc	agactcagat	gcctacgggc	cagacaggca	actgtgagtc	120
cccttttagg	agcaaggagg	acctcaactc	caaagagaac	ctggatgccg	atgagggaga	180
tgggaaaagt	aacgacctcg	tccttagttg	tccttacttt	agaaatgaga	ctggagggga	240
aggcgacagg	cggattgcgc	tctctcgagc	caactcatcc	tctttcagtt	ctggggaaaag	300
ctgctctttc	gaatcgtcac	tcagctctca	ctgcacaaat	gcagggtgtct	ccgtcttgga	360
agtgcccaag	gaaaaccagc	ctattcacag	ggagaaaagt	aagcgctaca	tcatagaaca	420
cattgacctt	ggggcctatt	attaccgcaa	attcttctat	gggaaagagc	acaaaaacta	480
ctttggaata	gatgaaaacc	ttgggtccagt	agcagtcagc	atccggagag	agaaggtgga	540
agatgccaa	gagaaagaag	gatcccagtt	caactacagg	gtggctttca	ggacaagtga	600
gcttac						606

```

<210> 2370
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (157)...(649)
<223> similar to gi4096697 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 2370
```

cagggtcgag	gacctgaatt	ctccccagcc	atccatcgta	catctctcca	acaaacccag	60
atatgtgggc	tcctagactt	actccgatca	tgtaaatgtc	atcaagagaa	gctccttctg	120
ccaacatctg	gtcaataaat	tccttcaaga	ccatggctgg	ggagaattac	aggcctcgac	180
cctgcaggcc	ctttattcaa	cgggaaacct	caccaagaca	gattagatcc	cagtgatgcg	240
cagtttggtg	atgtcatcca	ttccgacact	gatgcactgg	gctacaagga	gccattagga	300
aacatagact	tctacccaaa	tggaggattg	gatcaacctg	gctgccccaa	aacaatattg	360
ggaggatttc	agtattttta	atgtgaccac	cagaggtctg	tataacctgta	cctgtcttcc	420
ctgagagaga	gctgcaccat	cactgcgtat	ccctgtgact	cctaccagga	ttataggaat	480
ggcaagtgtg	tcagctgcgg	cacgtcacia	aaagagtcct	gtccccttct	gggctattat	540
gctgataatt	ggaaagacca	tctaaggggg	aaagatcctc	caatgacgaa	ggcattcttt	600
gacacagctg	aggagagccc	attctgcatg	tatcattact	ttgtggatat	tataacatgg	660
aacaagaatg	taaga					675

<210> 2371  
 <211> 1977  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (266)...(857)  
 <223> similar to gi9916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2371						
gaatttccgg	gcgacccccg	gtccgcccac	gcgtccggaa	ctgaggacag	ggacagaggt	60
tatattatgg	taccttgact	ggcgagcact	tatgaagaga	aagaggatga	aggccaacat	120
taagctgggt	ggttcaggat	ttccccttcc	ctcctctgat	ttggatgact	ctctcactga	180
agagatagat	gaaaagattg	gattccgaaa	tgatgcaa	tttgactggc	aaaatgtggc	240
agatttcagg	gatgcagggt	gattcctaac	tgagggtcaag	gtggaagagg	aagaaaggga	300
tcgcagaggt	cctgaatttg	aaattgagga	ggaggaagaa	atgttgtcat	ccgtcatacc	360
agattccagg	agagaaaatg	aacttcccga	tttccccccac	attgatgagt	tttttaccct	420
taactcaaca	ccatctagat	ctgcatatga	tgagcctcat	ttgctcgtaa	atattgagaa	480
acagaaacta	gagttggaaa	aacgacgact	ggatatcgag	gccgaaaggc	tgcaggtaga	540
aaaggaacgc	ctacaaatcg	agaaagagag	gctgcggcat	ttagacatgg	aacatgagcg	600
gcttcagcta	gagaaggagc	ggctgcagat	tgaaagagaa	aagttgaggt	tacagatagt	660
caattcagag	aaaccgtcct	tggaaaatga	acttgggtcaa	ggagaaaaat	ccatgcttca	720
accacaggac	atagaaacag	agaagttaaa	acttgagcga	gaacgcttgc	aactggaaaa	780
ggataggctg	cagtttttga	agtttgaatc	tgagaagctg	cagattgaaa	aggaacgctt	840
acaggtagag	aaagacagac	ttcgaattca	gaaagaagga	cacttgacgt	gatttttcca	900
ggcttccatt	tagcaaatgt	ttgaaaactc	tagatttttc	tcatatcagg	tgatataatg	960
atgggttgctg	gattagctgt	ggtttcttgt	ctaattgtcag	tgttcagtag	gaaaaagtta	1020
tatgtggata	actgtatgcc	taagtagtat	ataaaagctg	tgccctagcg	taaacagtat	1080
agcagaaact	tactgtgctg	gactctttac	cttataatat	tacatagagt	cttgtattgt	1140
ctgtgtaccc	agagtttaca	attatgtcca	tataaaattc	tagcccagaa	gttctcatct	1200
ggggtagatt	ttggccttca	gaagaccaat	ttggtgatgt	ctggagacat	gttgggttgt	1260
caaaactggg	gtgggggaaa	ggttgctact	gtgcaatgca	tacctcctca	acaccccccc	1320
acactcagta	aagaattttc	caacccaaaa	tatcattagt	cctgaggttg	agaaacctcg	1380
tcctagccta	actgtgtacc	tctatagcta	tgttttatag	ttttagaata	ttaaaccttc	1440
agatatttat	gtgggttaggt	acttaaatgg	ccaaaaactt	taactatgaa	atgttactgt	1500

gtagtatatt	gaatatagga	agtgatgaag	attataghta	ttttattccc	atgtttccat	1560
ctataaatag	ccttctcaga	ttcagaaaaac	aatacagaga	acatcagaaa	ttttctaaaa	1620
tgggtcactt	tgaaaagaat	tctttttctc	actattaatg	ctttagaagc	aagacgcaat	1680
tttaaagcct	tagttccttt	tctttcagtc	attgtccttag	tttgggtaca	aaaatgtcat	1740
ttcagtaatg	tactgaaatc	ttataagtga	atagttgaag	ctagtaaaaa	tgataaccagt	1800
ataaaaaatg	tacttgtagt	ccatgagcct	gaacccaatg	actgattgtt	tgacttttaa	1860
aataagtaat	agcagccatt	tgggagtagg	gggtaggtg	ggaagatgta	ctccgtatca	1920
aataataatg	atgttgaaat	aatgatagta	ggtatgtatt	atggattgga	gaagcac	1977

<210> 2372  
 <211> 1094  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (154)...(330)  
 <223> similar to gi3850177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2372						
atgagagata	ggcagtaagg	acagccctgt	gagtccgtac	tgcaggtgtg	gggcccagtt	60
gcccttccgg	cctaaatggg	cactttgcat	tttcctagaa	aacattacac	cccttgcttg	120
ggctcctgcc	aagtctgact	actgcttttt	tttgagagg	tgaacaagaa	ggaggtggtg	180
gaggtctgtg	ccattgtaga	gacaccaccc	atggtggttg	tgggcattgt	gggctacgtg	240
gaaacccctc	gaggcctccg	gaccttcaag	actgtctttg	ctgagcacat	cagtgatgaa	300
tgcaagaggc	gtttctataa	gaattggtaa	gggaggaggc	catgcagtcc	ctagcttggg	360
agcttgggag	ctggagagca	gggagcagcg	tgtgcatggt	ttctcagctc	tgtagcaggc	420
agggagctgc	tgtcttgggt	ttagtttgcc	tctcgaacag	aaaaatacct	gggatcagac	480
ttggccagcc	atctggtttc	agccggaagc	taacaccctc	attctgagtc	caggctagtg	540
ggtggtggct	gaggacccag	ttggttgagg	agtccaacta	gaaaccagga	gaggtagcag	600
aataattaaa	cccctatagg	ggtggcaagg	gcctctggcc	ctgggtggaa	tgtcccattt	660
cctccatcac	tgagtgggct	tccccaaggc	agaaagggtt	gtcccggagc	aagaattttg	720
tttgaatgcg	tgtaacttaa	attaaccttg	tggacctctg	ctcagctccg	ctcggctctg	780
cccgatgagc	tccatccagg	ctccgcttgc	cgggtggaaa	ggctccttag	aagccggcaa	840
tgagctccat	ccccacgcgg	tgccagtgtg	ccttccgctc	accctcggga	ggggtgatga	900
aggcctgcac	ctggtcccct	ccccaaactc	gctctgctcc	tgaaggcata	aatctaagaa	960
gaaggccttt	accaagtact	gcaagaaatg	gcaggatgag	gatggcaaga	agcagctgga	1020
gaaggacttc	agcagcatga	agaagtactg	ccaagtcatc	cgtgtcattg	cccacaccca	1080
gatgcgcctg	cttc					1094

<210> 2373  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (113)...(332)  
 <223> similar to gi1002425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2373  
 ctggaggcga gcttcaacgt catcaactca cactcctctc cctgtcttcc ggctcctttc 60  
 ggtatgtgtg ggtctgggca gggcagtaga ggtcagaagg gctggcctgg agtgctcact 120  
 ccatccccta ccttttggtc tctgtctacc cctgcaaggc tggctcagaa ggttctgggg 180  
 gaggagttct tttctcagtc tcgcccctca ggtgctgata ccagcggcct gtgtgtggat 240  
 tgtttctgcc tttgtgggat tcagtgttat cccccaggaa ctgtctgccc ccaccaaggc 300  
 accatggatt tggctgcctc acccaggtag gntttctcct agtctccat tctcttggtc 360  
 aaataaaggt atctatttga actc 384

<210> 2374  
 <211> 77  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(69)  
 <223> similar to gi3758795 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2374  
 ctccgcctcc caaagtactg ggattacagg tgtgagccac cgtgcccagc caagaccttg 60  
 tatctttaaa aaaaaaa 77

<210> 2375  
 <211> 697  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(683)

<223> similar to gi488555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2375

```

cccctgggag tgtgctggaa ttcgaaagct tttgattgca gtgactctgg gaaatccttc      60
attaatcatt cacaccttca gggacattta agaactcaca atggagaaag tctccatgaa      120
tggaagggaat gtgggagagg ctttattcac tccacagacc ttgctgtgcg tatacaaact      180
cacaggtcag aaaaacccta caaatgtaag gaatgtggaa aaggatttag atattctgca      240
taccttaata ttcacatggg aaccacact ggagacaatc cctatgagtg taaggagtgt      300
gggaaagcct tcaccagggtc ttgtcaactt actcagcaca gaaaaactca cactggagag      360
aaaccttata aatgtaagga ttgtgggaga gccttcactg tttcctcttg cttaaagtcaa      420
catatgaaaa tccatgtggg tgagaagcct tatgaatgca aggaatgtgg gatagccttc      480
actagatctt ctcaacttac tgaacattta aaaactcaca ctgcaaagga tccctttgaa      540
tgtaagatat gtggaaaatc ctttagaaat tcctcatgcc tcagtgatca ctttcgaatt      600
cacactggaa taaaacccta taaatgtaag gattgtggga aagccttcac tcagaactca      660
gaccttacta agcatgcacg gaactcacag tggagga                                697

```

<210> 2376

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (375)...(831)

<223> similar to gi5758310 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2376

```

caggatctgt gaggatttca tttggatata tgtcgacgct ggatgatgtc caggcctttc      60
ttaggttcat catagacact cgctgcact catcagggga ctggcctgtc cctcaggccc      120
atgctgacac cggggagact ggagcccat cagcagacag ccaggctgat gttataacctg      180
ctgtcatggg cagacgtagc ctctcgctc aggaagatgc cctcacaggc tccagggttt      240
ggaacaactc gtctactgtg aatgctgtgc ctgtggcccc acctgtgtgt gatgtcgcca      300
gaaccagacc gactccttca gagaaagctg caggagtcct ggagggggcc cttggggccac      360
atgttgctac taacctttat ctctatccaa tcaaactcctg tgctgcattt gaggtgacca      420
ggtggcctgt aggaaaccaa gggctgctat atgaccggag ctggatggtt gtgaatcaca      480
atggtgtttg cctgagtcag aagcaggaac ccgggtctg cctgatccag cccttcacgc      540
acttgcgcca aaggatcatg gtcatcaaag ccaaagggat ggagcctata gaggtgcctc      600
ttgaggaaaa tagtgaacgg actcagattc gccaaagcag ggtctgtgct gacagagtaa      660
gtacttatga ttgtggagaa aaaatttcaa gctggttgtc aacatttttt ggccgtcctt      720
gtcatttgat caaacaagt tcaaactctc aaaggaatgc aaagaagaaa catggaaaag      780
atcaacttcc tgggtacaatg gccacccttt ctctggtgaa tgaggcac                                828

```

09468725-012100

<210> 2377  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(389)  
 <223> similar to gi498721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2377  
 acataccata gagaagcctt atgaatgtaa ggaatgttta aagtcctttt tatatccctc 60  
 aagactcact cgtcatcaga aaattcatac tggcaagaaa ccctttgaat gtaagggaatg 120  
 tggaaaaacc tttattttgtg gctcagacct tactcgacat cacagaattc aacttggtga 180  
 gaaaccctat gaatgtaagg aatgtgggaa agccttttagt agtggttcaa acttcactcg 240  
 acatcagaga attcacacag gtgagaagcc ttatgaatgc aaagaatgcg ggaaggcctt 300  
 tagtagtggc tcaaacttta ttcaacatca gagaattcat actggggaaa aaccctatga 360  
 atgtaaggaa tgtggcaatg ccttttagtca gag 393

<210> 2378  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(768)  
 <223> similar to gi5640021 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2378  
 attttttggg gtgcatgatg agacttgtca agtgattgga tgtgaaaaag agaaaataga 60  
 ccttacgagc ttgagggcct ctattgatgg ctgtattaag aagctacctg tccatcattt 120  
 ctgcacacag aggcctgaga taaaatatgt ccttaacttc cttgaagtgc atgataaggg 180  
 ggccctccgt ggatatgtct gtgcaatcaa ggtggagaaa ttctgctgtg cgggtgtttgc 240  
 caaagtgcct agttcctggc aggtgaagga caaccgtgtg agacaattgc ccacaagaga 300  
 atggactgct tggatgatgg aagctgaccc agacctttcc aggtgtcctg agatgggtct 360  
 ccagttgagt ttgtcatctg ccacgccccg cagcaagcct gtgtgcattc ataagaattc 420  
 ggaatgtctg aaagagcagc agaaacgcta ctttccagta ttttcagaca gagtgggtata 480  
 tactccagaa agcctctaca aggaactctt ctcaacaacat aaaggactca gagacttaat 540  
 aaatacagaa atgcgcctt tctctcaagg aatattgatt ttttctcaaa gctgggctgt 600  
 ggatttaggt ctgcaagaga agcagggagt catctgtgat gctcttctaa tttcccagaa 660  
 caacaccctt attctctaca ccatcttcag caagtgggat gcgggggtgca agggctattc 720  
 tatgatagtt gcctattctt tgaagcagaa gctgggtgaac aaaggcggc 769



05-03-2011 01:10

<211> 497

<213> Home

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (23) \dots (499)$ 

```
<223> similar to gi3638957 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

atgtgcggtg	gcatttcccg	gctcgccact	gcccttcaca	ggggcattct	gccccagggg	60
gcttgtctat	gccctgggtg	cctgtctcct	cacctgtgac	agccccagcg	ccaatcactc	120
ctgccctgca	ggcagtactg	atggctgtgt	ctgtccacca	ggcacggtgc	tgtggacga	180
gcgctgtgtg	cctcctgacc	tctgtccctg	ccgtcacagt	gggcagtggt	acctgcccaa	240
cgccaccatc	caggaagact	gcaacgtttg	cgtgtgcggg	ggcgggcagt	ggcactgcac	300
aggccagcgg	cgcagtgggc	ggtgccaggc	atcaagcgcc	ccccactatg	tgacatttga	360
cggactggcc	ttcacctatc	ctggggcctg	cgagtatctg	ctggtgcgag	aggccagtg	420
cctattcaca	gtctctgccc	agaacctgcc	ctgtgggggc	agcggctctc	cctgcaccaa	480
agcgctttcc	gtgcggtt					497

<211> 1496

<213> Home

$\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (6) \dots (1496)$ 

<223> similar to gi3372657 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400>	2382					
attcgtcatt	gcaaaatcca	ctccttagca	cttctaaaag	taccaggaac	tatgcaaaaag	60
ctagtagaaa	tgtagaagaa	tctgaaaaaag	ggctcttgaa	aattgagttt	caagtgcacg	120
cactagaaga	tgaaagtgat	ggagagacat	ctgacacgga	aaagcatgga	acaaaaattg	180
gaaccctagg	ttctgcaact	acagaattgt	tatctggcag	cactcgaact	gctgatgaga	240
aagaggagga	tgaccgcata	ctgaagactt	ctagagagct	atccacttcc	ccatgtaatc	300
ccatagtctg	ccagaaagaa	tctgaattac	aaatgacata	tgcagccagt	ccacaccctg	360
gcttattgct	agacttgaaa	acctctctag	aagatgcaca	ggttgatgac	tctattaaat	420
ctcatgtatc	ttatgaaaca	gaaggctttg	agagtgctag	cttggaatgca	gagcttcaaa	480
aaagtgcata	cagtcagccc	tcgggcccct	tccctgacctg	actaagtaa	cttggccttc	540
ctgcctcact	tcagagggat	ctaacccggc	acattagttt	gaagagcaaa	actggagtac	600
accttcctga	gccaaacctc	aatagtgccc	gcgcattctg	caatattagc	ggtcaccgaa	660
agagtgcac	agagaaggag	tctgggctca	agccaaccct	acggcagatt	ctaaatgcac	720
ctcggagaaa	tgtcaactgg	gaacagggtca	ttcagcaagt	aaccaagaaa	aagcaagagc	780
tgggcaaagg	cttaccagg	tttggcatag	aaatggtacc	ccttggtcaa	aatgaacaag	840
aagccttaga	tttgatggg	gaacctgata	tgtccagtct	agaaggattc	cagtgggaag	900
gtgtttccat	ttcctcgtcc	cctggccttg	caagaaagcg	aagcctttct	gagagcagcg	960
tgatcatgga	cagagctcct	tctgtgtata	gcttcttcag	tgagggaagg	acaggcaaa	1020
aaaatgagcc	ccagcagatg	gtttcaccta	gtaactcatt	gagggctgga	cagagccaga	1080
aagcaaccat	gcacctcaaa	caagaagtga	cacctcgggc	tgccctccctc	cgaacagggtg	1140
aaagggctga	aaatgttgct	acccaaaggc	gacatagtgc	acaattatcc	tctgaccata	1200
taataccctt	gatgcatttg	gcaaaagact	tgaacagcca	ggagagggtc	ataccaccgt	1260
cagagaatca	gaattcccag	gagagtaatg	gagagggaaa	ctgtctgtca	tcaagcgcat	1320
cctcagccct	tgcgatctcc	agtttagcgg	atgcagccac	agatagtagc	tgacctctg	1380
gtgctgaaca	aaatgatggc	caaagtatta	gaaagaaacg	aagagccact	ggagatggat	1440
cttctcctga	actcccaagt	cttgagagaa	aaaataaaaag	aaggaaaatt	aaaaaa	1496

```
<210> 2383
<211> 1808
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (8)...(697)
<223> similar to gi4378885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2383						
tgcagagaag	aagaaaaaac	aagaagaaga	gaaattggcc	cagttaaagg	cccaagagga	60
ggatcgtcag	aaaagggagg	cagaagaaaa	ggaggcacag	cttgaaagaa	aacgagaaga	120
gaagagactg	aagaaaatga	aagaacttga	gaagcagaag	agaattaaga	ggaaccagca	180
gctggaagca	atagccaaag	aacattatga	aagggtcttg	ctaaggaaaa	aagggtctaga	240
gccttggaag	agattgagaa	tgcaaagcaa	acaaaacatc	caggtggcag	aagaacatta	300
ctctttgttc	ctgcagagga	aatacatgct	gacgtggttc	cagcgtagtc	aggaaagtct	360
ggctagaaaag	atggcccagg	ctgatcaatt	ttattcccaa	atactgctta	agagagtcac	420
ccagagctgg	ctacagtagc	tgattgatct	gcaggaagaa	gtaagaaaat	tttgtgtaca	480
ttttcttcaa	aagaagattt	tcagggcctg	gtttaacatg	gtcagggagg	tgaagatcga	540

ttctcagggc	aagcatgaga	ttgcagcggg	gcacagtgac	aggaggatcc	tctggatcac	600
ccttcgggaca	tggaagaagt	ttgtaaaatt	tatgaaagag	gaaagagtaa	aagaagaaag	660
gcgacagcaa	cttcgtagga	aggtagttga	aattcttcca	gacttccagg	tacctggaag	720
gtaccacgag	ctatatcagc	aatcagatac	ttggtccttg	agtaagacaa	gtctggtgaa	780
cgaatgagcc	agattagtgt	aatattttagg	acaggaagct	cgactagtct	gtatgtgtgt	840
tatctccacc	caccacacaca	catacataca	tacacctggt	ttattctcta	cgagctactt	900
cttagatcaa	aggaattatt	ttgagaattt	ttattccctt	ctttgacttt	tcctggattg	960
ctagtcatte	actatagcat	ttatcacagt	gggatcatcc	aaaggaacat	tctagagatc	1020
gtctgttcaa	atatatccta	tatatTTTTA	gcatagtaaa	ctttaaaaag	gacaagtgtt	1080
tgcttgactg	agcctgtgaa	gaaaatgtgt	ccgtatagca	cgacaggagt	tgctgatgtg	1140
accttaatga	aacagaaata	aacaggggtg	agtgtctcga	aaggaagggc	gggccaaggc	1200
actcagcctt	ctagtgcagt	agcgtcagtg	acacgcaccc	caccagacct	cgccactttt	1260
caccacccct	gaaggcagac	catgtatgaa	aaggttctct	acacagctgc	tgagaggac	1320
agcagcttat	cctgatttca	gagaaaactga	ggcaccagag	atgcttctct	tccgtgcacc	1380
ttgataagca	tgaaggacat	tccaaaagggt	agtaactcta	tcatgacagt	ccagcaattc	1440
attaaattat	ctgttcatgc	tcccacctgc	aactgctgaa	taatacactc	agtgtgtctt	1500
ctagtactca	gctcagtttg	atctagatat	tgagatacct	atcttgaatt	caaagaatgt	1560
cttcatcttt	aagatgctat	aaagactgat	aaaatgctct	cttctatgaa	ttgtgttaga	1620
gaattacctg	ctagaaaaat	aattttttcat	tataaaaatac	acattttatta	tataacaaat	1680
tcaagtagtc	cataaatgca	tatggtaaaa	tgagaaagtc	ctgtgcagtc	ctgagatgat	1740
tactcttatt	tggtgtgctg	aaaatttgag	ttgacaaaat	aaaattctgt	ggttttttaa	1800
gtgaaaaa						1808

<210> 2384

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (423)...(660)

<223> similar to gi4185567 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2384

agaaaaacaa	tattgtgtg	agtcgctgta	actcccttag	ctgcatatta	gccaggaag	60
aagaacagta	tctacagagt	ggagaccagc	aactgacccg	acatgtgttg	ctgtgtttac	120
ttctcatcat	tgccctgttc	gctaattctt	ccagttgttt	atgggtggcta	ttcaaccaag	180
agcctggaag	actttatgtt	gagttacagt	ttttctgtgc	cgtgtttaac	tttggtcagg	240
gatttatttc	ctttggaatc	tttggtattag	ataaacattt	aatcatcctg	cctttcaaaa	300
gaagacttga	attcctatgg	aacaataaag	acacagcaga	aaacagggat	tctcctgttt	360
cagaggaaat	aaaaatgacc	tgtcaacaat	ttatccatta	tcaccgtgac	ctctgtatcc	420
gaaacattgt	caaagaaaga	aggtgtgggtg	caaagacttc	tgctggaact	ttctgtggct	480
gtgacctggt	gagctggcta	attgaagtcg	gccttgccctc	cgaccgtggt	gaagctgtga	540
tatacgagga	caggctggta	caagggggag	tcatccaaca	tattaccaac	gagtatgaat	600
tccgggatga	gtacttgttt	tacagatttc	ttcaaaaagag	tcctgaacag	agtcctcctg	660
ctattaatgc	aaacactctc	caacaggaaa	gatataaaga	aattgagcat	tcatccccac	720
cctcacattc	ccctaagacc	taaattatgc	aggggagaa	cctacatgga	atcatattct	780
agccgcgtat	tatttagttt	ttagctgggt	gaccttgggc	aagttaacag	aggcaacctc	840
tctgagcctc	agttgtctct	tctgtaaaat	gtgaaaagat	gtgctccac	cacatgcgca	900



<210> 2386  
 <211> 1169  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1170)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (457)...(774)  
 <223> similar to gi4539001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2386  
 tatgaggata ctctgttcgt aagctcccggt tgaattttgt tccacagact cggaagaaag 60  
 gttggataag agttcactgg agattgacaa gtactcggga tagtgaaaag ccggagttgg 120  
 aacatggata gccgcttgca ggagatccgg gagcggcaga agttacggcg acagctcctc 180  
 gcgcagcagt tgggagctga aagtgccgac agcattgggt ccgtgttaaa tagcaaagat 240  
 gagcagagag aaattgctga aacaagagaa acttgcaggg ctccctatga tacctctgct 300  
 ccaaagtcaa aacgtaagta tctggatgaa ggagagacag atgaagacaa aatggaagaa 360  
 tataaggatg aactagaaat gcaacaggat gaagaaaatt tgccatatga agaagagatt 420  
 taaaaagatt ctagtacttt tcttaaggga acacagagct taaatcccca taatgattac 480  
 tgccaacatt ttgtagacac tggacataga cctcagaatt tcatcaggga ttaggttata 540  
 gctgacagat ttgaagaata tcctaaactg agggagctca tcaggctaaa ggatgagtta 600  
 atagctaaat ctaacactcc tcccatgtac ttacaagccg atatagaagc ctttgacatc 660  
 agagaactaa caccctaaatt tgatgtgatt cttctggaac cccctttaga agaattattac 720  
 agagaaactg gcatcactgc taatgaaaaa tgctggactt gggatgatgt atgatcaaac 780  
 tttctacatt gtaattgaatt atttattttc aaatgaatat gtttatttgg tcagaaagtg 840  
 agataataaa tatcatccct actttttagt ggattataaa ttagatttta tagtgtaaatt 900  
 tatagctgaa ggtccaaggt acattgacta atattacatt atctttaatt tgagccttct 960  
 tttcaaggca aaaattgagc agatagcaag tgaataggct gtagaagact taaaattttg 1020  
 gtcttagagt ccttggctat atagtttagag aagtttaaaa acagatggaa tgattcataa 1080  
 ttcattctgc atttgatttag tttcagtaaa catcagagct tgnntatgta tataaaaaca 1140  
 tgatttctac tctttaaaca gcttacagt 1169

<210> 2387  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (307)...(422)  
 <223> similar to gi2337883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2387
aatgctcctt tggtagaac aattatatgg ctaaattaat ctcagccacc tagttctaaa    60
ttagagcaa ggattgcaag ggattattta gacaagttca tcaattaagt aaaattagac    120
atgaaggata taagaatgaa tgataaagca agctaaaaat ggtgaaacaa gggatgtctg    180
attggaagta gaagatattt atttaggttc taggacatta gtatcagtga ggacagtaat    240
ttcctgcttg tttgtatttc agtgatcaca tacacttctt tacctgataa cgtctctctt    300
ctctaggctg gttttgggta cggcttgcca atttctcgtc tgtatgcca gtactttcaa    360
ggagatctga atctctactc tttatcagga tatggaacag atgctatcat ctacttaaag    420
gtatcccttg aattcaatag caaaatcctg tttctaaaac cattgctcct tttatagccc    480
tgagtgtctat ggtccggag

```

```

<210> 2388
<211> 824
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(683)
<223> similar to gi2879925 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2388
ataataacag cacatcagac agggcagaga aattttgtgg gcaaaaaaag aggaggcatt    60
cttttgagca tgtttctctg attccccctg aaacctctac agtgctaagc agtcttaaag    120
aaaaacataa acacaaatgt aagcgcagga atcatgatta cctcagctat gacaagatga    180
aaaggcagaa acgaaaacgg aaaaagaaat atccccagct tcgaaataga caggatccag    240
actttattgc agagctggag gaactaataa gtcgcctaag tgaaattcgg atcactcatc    300
gaagtcatca ttttatcccc cgagatcttc tgccaactat ctttcgaatc aactttaata    360
gtttctatac acatccttct ttcccccttag accctttgca ctacattcga aaacctgact    420
taaaaaagaa aagaggggaga cccctaaga tgagggaggc aatggctgaa atgcctttta    480
tgacagcct tagttttcct ctttctagta ctggattcta tccatcttat ggcatgcctt    540
actctccttc acccettaca gctgctccca taggattagg ttactatgga aggtatcctc    600
ccactcttta tccacctcct ccatctcctt ctttcaccac gccacttcca cctccttcct    660
atatgcatgc tgggcattta cttcttcaat cctggccaaa ttaccattaa ggaaaaaggc    720
ataaggtaac tttcgacagg gagggccttt tctttaacaa ccagcaggga ttccccctcct    780
tttctgagag tacctaacc cagtgtttcc tctgagatg gccg

```

```

<210> 2389
<211> 692
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(543)  
 <223> similar to gi2315731 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2389  
 ttttttgtga ctctatttat ctttgccctt tttgaaacca tcattactcc attaacaatg 60  
 gatattgtatg cctggactca agaacaagct gtgttatata atggcataat acttgctgct 120  
 cttgggggttg aagccgttgt tatttttctta ggagttaagt tgctttccaa aaagattggc 180  
 gagcgtgcta ttctactggg aggactcatc gttgtatggg ttggcttctt tatcttgta 240  
 ccttgggggaa atcaatttcc caaaatacag tgggaagatt tgcacaataa ttcaatccct 300  
 aataccacat ttgggggaaat tattattggt ctttgggaagt ctccaatgga agatgacaat 360  
 gaaagaccaa ctgggttgctc gattgaacaa gcctggtgcc tctacacccc ggtgattcat 420  
 ctggcccagt tccttacatc agctgtgcta ataggattag gctatccagt ctgcaatctt 480  
 atgtcctata ctctatattc aaaaattcta gggacacaaa cctcaggggtg tatacatggg 540  
 gctggttaac agcatctggg aagtgggagc ccggattctt ggggcctatg ttcattcagg 600  
 ccaagtgtat ggntcactgg ggggaccacg atgggcattc agcctggtgt gtggaataat 660  
 agtgctcacc atcacccctc tgggagtgga ta 692

<210> 2390  
 <211> 1108  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1109)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (935)...(1110)  
 <223> similar to gi4589476 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2390  
 gcgcaatccg ctctctatag cctcatcccc tactcttcca ctttcccctc tccttccctgg 60  
 ctacactgat atccttgctg tttgaactcc ccaggcacac cttgcttcag ggcttttgtg 120  
 gtactgttgc tgctgcctgg aatgtgcttc cctgtaccca ctggactcac ttccctcacgt 180  
 caatcacgtc tttgaggagc tgtttttctca gagaggcctt tgaccatcct atcttanatc 240



```
<220>
<221> misc_feature
<222> (8)...(859)
<223> similar to gi3978171 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2392						
tgcgaccacc	aggatccgac	tcaagtggggg	ccgcagccaa	catgaggggc	gagtcgaggt		60
gcaaataagg	ggacctgggc	cccttcgctg	gggcctcatc	tgtggggatg	actgggggac		120
cctggaggcc	atgggtggcct	gtaggcaact	gggtctgggc	tacgccaaacc	acggcctgca		180
ggagacctgg	tactgggact	ctgggaatat	aacagagggtg	gtgatgagtg	gagtgcgctg		240
cacagggact	gagctgtccc	tggatcagtg	tgcccatcat	ggcaccaca	tcacctgcaa		300
gaggacaggg	acccgcttca	ctgctggagt	catctgttct	gagactgcat	cagatctgtt		360
gctgcactca	gcactggtgc	aggagaccgc	ctacatcgaa	gaccggcccc	tgcatatgtt		420
gtactgtgct	gcggaagaga	actgcctggc	cagctcagcc	cgctcagcca	actggcccta		480
tggtcaccgg	cgtctgctcc	gattctcctc	ccagatccac	aacctgggac	gagctgactt		540
caggcccaag	gctgggcgcc	actcctgggt	gtggcacgag	tgccatgggc	attaccacag		600
catggacttc	tgtactcact	atgatatact	caccccaaat	ggcaccaagg	tggtctgaggg		660
ccacaagct	agtttctgtc	tccaagacac	tgagtgtcag	gaggatgtct	ccaagcggta		720
tgagtgtgcc	aactttggag	agcaaggcat	cactgtgggt	tgctgggac	tctaccggca		780
tgacattgac	tgtcagtgga	ttgacatcac	ggatgtgaag	ccaggaaact	acattctgca		840
tggtgtcatc	aacccaactt						860

```
<210> 2393
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(459)
<223> similar to gi571480 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2393						
cacggcggtcg	ggggaaaaaag	ctacggtgga	ggggcataaa	gccgcggttg	cgaggtcaaa	60
tagccgcaaa	aagccgcggc	ggcggggggg	aaaagcgcga	aaaagcagcg	gcggcggggg	120
caaaaagccg	cagcggcaaa	aagcctcagc	ggcgggggca	aaaagccacg	cccgggggaa	180
aaagccgcag	cggcaggggc	aaaaagccac	ggcggcaggg	agcaaaaacc	cgcgggggta	240
ggcgcaaaaa	gccgcggcgg	ggggttaaaa	agccgcgtca	gcaaaaccgc	cggcgggcgg	300
cgcaaaaagc	cgcggcgggg	gcaaaaagcc	gcaaaaaacc	caaggcggca	aaaagcctcg	360
gcggcggggg	gtgggggggg	tgcaaaaaac	cgcggagagt	ggggcaaaaa	accgcggtgt	420
cgggggaaaa	agccatggcc	gcggcggcaa	aaacc			456



<210> 2394  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(648)  
 <223> similar to gi6002669 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2394  
 cccacgcggt cgtggacaag tatttgtttc tgaagctctc tatggaccca agttgagcca 60  
 ccttaacaat gtattggtgt ttgctccatc accctcaagc cagtgttaata agccctggga 120  
 aggtcaactg ggagaatgtg cgcagtggtc taagtggact ggcgaggagg ttggtgatgc 180  
 agctggggaa ataactactg cctctcaaca tggggaaatg gtatttgtga gtggggaagc 240  
 cgtgtctgct tattcttcag caatgagact gaaaagtgtg tatcgtgctt tgcttctctt 300  
 aaattcccaa actctgctag ttgttgatca tattgagagg caagaagatt ccccaataaa 360  
 ttctgtcagt gccttctttc ataatttgga tattgatttt aaatatatcc catataagtt 420  
 tatgaatagg tataatggtg ccatgatgga tgtgtgggat gcacattaca aaatgttttg 480  
 gtttgatcat catggcaata gtcccatggc cagtatacag gaagcagagc aagctgctga 540  
 atttaaaaaa cgatggactc aatttggtta tgttactttt cagatggaat ccacaatcac 600  
 aagaattgca tatgtctttt atggggcata tatcaatgtc tccagctgca gatttattga 660  
 tagttccaat cctggacttc ag 682

<210> 2395  
 <211> 518  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(521)  
 <223> similar to gi4062983 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2395  
 cctacaacca gcagagtacc ctggaggagc acaaggagcg gtgccataac tacctacaga 60  
 gtctcagcac tgaagcccaa gctttggctg gccaaaccagg tgacgaaata cgtgacctgg 120  
 agatggtgcc agactccatg ctgcactcat cctctgagcg gccaaactttc atcgatcgtc 180  
 tggccaatag cctcaccaaa cgcaagcggt ccacacccca gaagtttgta ggcgaaaagc 240  
 agatgcgctt cagcctctca gacctccct atgatgtgaa ctcggtggc tatgaaaagg 300

atgtggagtt ggtggcacac cacagcctag agcctggcctt tggaagttcc ctggcctttg	360
tgggtgcaga gcatctgcgt cccctccgcc ttccaccac caattgcatc tcagaactca	420
cgctgtcat cagctctgtc tacaccaga tgcagccct ccctggtcga ctggagcttc	480
caggatcccg agaagcaggt gagggacctg aggacctg	518

<210> 2396

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (104)...(277)

<223> similar to gi2563999 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2396

atgggtcgag tgagtcacat tgggaacgtg actccagggt ggaagatgaa cccagcctct	60
ggcctctggc cccagctctg acatggcctg tgtcctccaa ccccggccag ggcctgtgag	120
ggtgactgca atccaggggg acgtgacca ggcccatgag gtggcagcag ctgtggccgg	180
agcccatgtg gtcattccaca cggctgggct ggtagacgtg tttggcaggg ccagtcccaa	240
gaccatccat gaggtcaacg tgcaggggtga ggagctctgg aactcctgg ccatcttgcc	300
tgtttgttcc ccactctgtc tttggccttg acctccgggtg actcccctgg gacaagttgt	360
cctattgaca gccctgcccc cgctccctt gacctgtcat ggttttccct ggacctggga	420
tggggaggag gaagatgcag agagggaaga agctgcagct tggatacgcc acgaaatcgt	480
cgaccggga a	491

<210> 2397

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(431)

<223> similar to gi3878739 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2397

tttcgtggga ggaggaggag gccccgtcgc ggttctcgc cgtcgccaac ggggctgtcc	60
ctgtagctcc cgatggagtt tttagggcca gctatgc'aag aagaggcctt gaagctggtg	120
ttactggcat tagaagatgg ttctgccttc tcaaggaaag ttctggtact ttttgttg	180
cagagactag aaccaagatt tcctcaggca tcaaaacaa gtattggtca tgttggtgcaa	240

ctactgtatc	gagcttcttg	ttttaagggt	acaaaaagag	atgaagactc	ttccctaattg	300
cagctgaagg	aggaatttcg	gagttatgaa	gcattacgca	gagaacatga	tgcccaaatt	360
gttcatattg	ccatggaagc	aggactccgt	atttcacctg	aacagtggtc	ctctcttttg	420
tatggtgatt	tggctt					436

<210> 2398  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(456)  
 <223> similar to gi2827162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2398						
tttcgtgcga	gagtctgggc	accgtccccg	agcacgagcg	gatcttgca	gagatcgaga	60
gcaccgacac	cgctgtgtg	gggccacccc	tccggtctgt	gtatgatgac	caaccaaattg	120
cgcacaagaa	gtttatggaa	aagttagatg	cttgatccg	taatcatgac	aaggaaattg	180
aaaagatgtg	taattttcat	catcagggtt	ttgtagatgc	tattacagaa	ctccttaaag	240
taaggactga	tgcggaaaaa	ctgaagggtg	aagttactga	taccaaccga	aggtttcaag	300
atgctggaaa	agagggtgata	gtccacacag	aagatatcat	tcgatgtaga	attcagcaga	360
gaaatattac	aactgtagta	gaaaaattgc	agttatgcct	tcctgtgcta	gaaatgtaca	420
gtaagctgaa	agaacagatg	agtgccaaaa	ggtgagttgg	tttttttcct	a	471

<210> 2399  
 <211> 474  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(474)  
 <223> similar to gi3834631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2399						
tttcgtctag	aagccggctg	tcggtctccg	tgtcgccgcc	gccgcccggc	atcgtggagc	60
tggggccccc	ttttgcctgg	gagttttgta	gtcgccctagg	gtcagcgggtg	acatcccaaa	120
gggcaggccc	ggcagccgcc	atggtggcca	aggattaccc	cttctacctc	acggtcaaga	180
gagcgaactg	cagcctggag	ctacctccgg	ccagcgggtcc	ggccaaggac	gctgaggagc	240
ctagtaataa	acgggtcaaa	cccctttccc	gagtcacgtc	gctagcaaac	ctcatcccgc	300

ccgtgaaggc	cacgccatta	aagcgcttca	gtcaaaccct	gcagcgctcc	attagcttcc	360
gcagtgaag	ccgccctgac	atcctcgccc	cccgaccctg	gtccagaaat	gccgccccct	420
cgagcacgaa	acggagagat	agcaagctgt	ggagtgaag	cttcgatgtg	tgcg	474

<210> 2400

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature .

<222> (22)...(713)

<223> similar to gil665789 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2400

ccccgggtcga	cgatttcgtg	cgcaaattggc	gttgagatgg	ttcagggccc	tggtcaaact	60
ccagcactga	ccattcaccg	gcggaagcgg	cggcgcagga	ggcggcggcg	gcccagcggg	120
ggcacacagc	aggctctgtt	accagctcca	gcagtggcgg	ccaaagcacc	cgccaggctc	180
cgaggagaat	atgaaactgg	ggtcaaaatg	acatccagat	ttgggaaaac	atacagtagg	240
aaaggtggaa	atggcagttc	aaaattcgat	gaagtctttt	ccaacaaacg	gactaccctt	300
agcacaaaat	ggggagagac	cacatttatg	gctaaattag	ggcagaagag	gcccattttc	360
aaaccagata	tccaagaaat	tccgaagaaa	cctaaagtgg	aagaagaaaag	tactggagat	420
ccttttggat	ttgatagtga	tgatgagtct	ctaccagttt	cttcaaagaa	tttagcccag	480
gttaagtgtt	cctcttattc	agaatctagt	gaagctgctc	agttggaaga	ggtcacttca	540
gtacttgaag	ctaatagcaa	aattagtcac	gtggtcattg	aagacactgt	cgtttctgat	600
aaatgcttcc	ctttggagga	cactttactt	gggaaagaaa	agagcacaaa	ccgaattgta	660
gaagatgatg	caagcataag	tagctgtaat	aaattaataa	cttcaggtaa	gttttgattt	720
tctttattct	ccgccaagag	agctttgtgc	aacc			754

<210> 2401

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(608)

<223> similar to gi437639 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2401

tttcgtgact	gtagtcagcc	cttagtggat	gagagcgcct	atgcttcaga	aacagcaggc	60
------------	------------	------------	------------	------------	------------	----

tcccaggatg	gacaccccg	cccctgaaga	acgcttagag	aagcaaaatg	aaaaactgaa	120
caaccaggaa	gaggagacgg	agtttaagga	actggacggt	ctgaggggaa	ccttggcaaa	180
cctccgggga	ctgtcagagg	aggagaggag	cgagaaggct	atgcttcgct	cccgcattga	240
agagcagtcc	cagctcatct	gcacccctgaa	gcggagggtca	gatgaggccc	tggagcgctg	300
ccagatccta	gagctgctca	atgcagagct	ggaggagaag	atgatgcagg	aggctgagaa	360
gctcaaggcc	caggggtgagt	acagtcggaa	actagaggaa	cgctttatga	ccctagcagc	420
caaccacgag	ttgatgctcc	gcttcaagga	tgaatacaag	agtgagaaca	tcaagctgag	480
ggaggagaa	gagaagctga	ggctggagaa	taacagcctc	ttcagccagg	ctctgaagga	540
tgaggaggcg	aaagtattac	agctcacagt	ccggtgtgag	gccctcactg	gggagctaga	600
aacgctgaag	gagaggtgtg	c				621

<210> 2402  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(855)  
 <223> similar to gi5441615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2402	
aagaaacctt	taaaatgtaa
cttcatcaga	acattcatatc
ttcagacaga	tctcatccat
gaatgcaata	aatgtgggga
attcatgatg	gaaaggaaat
aatatacatc	agaaaattca
gccttcaatc	agatgtcatc
cataaatata	ataaatgtgg
agaattcatg	ctggagagaa
caaagaagtc	accattttaga
aggatttcac	ccctgatgct
gataaatgtg	acaagttctt
aatggagaaa	aactatacag
cttattcaac	atcagaaagt
gggaagatgt	tttctggaac
tgactgtggt	aaaaccttta
gggagagaag	ccttttgaat
cctacttcat	cagagaattc
aaagcttcaat	caaagaacaa
gggaaggcct	tgagtcaatg
aatgtctgcc	agtgcagaaa
cataagaaaa	ttcacaatgg
aaaaagaaat	cagtctttgt
aatgcgaagg	ccttaagtca
aatgtgggaa	attattttaat
attcacactt	cagagaaacc
tcaaccctta	ttctgcatct
tgtgagaagg	tctgcaatcg
tatttgagtg	taaggaatgt
tgc	

<210> 2403  
 <211> 702  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (2)...(431)  
 <223> similar to gi512485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2403

gtgccgcgtg	tgctgcagcc	tgggcagctt	ctatgcccag	gtcaaggact	acgagaaagc	60
cctgttcttc	ccctgcaagg	cggcagagct	tgtcaacaac	tatggcaaag	gctggagcct	120
gaagtaccgg	gccatgagcc	agtaccacat	ggccgtggcc	tatcgccctgc	tgggccgcct	180
gggcagtgcc	atggagtgtt	gtgaggagtc	tatgaagatc	gcgctgcagc	acggggaccg	240
gccactgcag	gcgctctgcc	tgctctgctt	cgctgacatc	caccggagcc	gtggggacct	300
gcagacagcc	ttccccaggt	acgactccgc	catgagcatc	atgaccgaga	tcggaaaccg	360
cctggggcag	gtgcaggcgc	tgctgggtgt	ggccaagtgc	tgggtggcca	ggaaggcgct	420
ggacaagggtg	aggtcggggc	tttccacag	cctccagccc	tcccagcact	ccccacttgg	480
ggccagtagg	ttagccggt	ctttcagcca	ctttgtctga	cgtcagcctc	accctgatcc	540
tacgaggcca	ggacattcct	ggtcattttc	caggctcaga	gaaggcccat	cacttgccct	600
aggaccaca	gctagtaaag	ggctggaacc	ctgggtaaac	tgaggcagga	ggtcacttgc	660
ccacacagcc	cctatgactg	tgccttagtc	tcttcctgct	gc		702

<210> 2404  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (261)...(400)  
 <223> similar to gi3882269 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2404

ctgatcgctg	ctgccctgct	ctcctcctcc	tctcattcct	ctgcctcctg	gattcctgaa	60
gtttaggaga	aataaggtag	ccaagggaac	cacatggaag	ttgtgacagc	tcccagcggc	120
gcgccccttt	cgtgtgtgcc	ggtacctcgg	cttaggagtt	gcccgtgac	accttgaatg	180
aaggaggtcc	ccttgccagc	cagcctgccg	ggatgggcca	ttgctgctgc	aagccttata	240
actgccttca	gtgcctggac	aagacgaatg	aaagtgccct	tgtgaaagaa	aaagagctgt	300
caatcgaact	tgcaaacatc	agggatgaag	ttgccttcca	tacagcaaag	tgcgagaaac	360
tacaaaagga	gaaggaggag	ctggagaggc	ggttcgg			397

<210> 2405  
 <211> 1283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (151)...(1128)  
 <223> similar to gi5724778 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2405

aacgagtttta	cccgccgcaa	gcattcttgaa	ctgacagcca	cgatgcaggt	tgaagaagcc	60
accggtcagg	ctgcggggccg	tcgtcgggga	aacgtggtgc	gaaggggtgtt	tggccgcattc	120
cggcgctttt	tcagtcgcag	gcggaatgag	cccaccttgc	cccgggagtt	cactcgccgt	180
gggcgctcgag	gtgcagtgct	tgtggatagt	ctggctgagc	tggaagacgg	agccctgctg	240
ctgcagaccc	tgcagctttc	aaaaatttcc	tttccaattg	gccaacgact	tctgggatcc	300
aaaaggaaga	tgagtctcaa	tccgattgctg	aaacaaatcc	cccagggttg	tgaggcttgc	360
tgccaattca	ttgaaaaaca	tggcttaagc	gcagtgggga	ttttaccct	tgaatactcc	420
gtgcagcgag	tgcgtcagct	ccgtgaagaa	tttgatcaag	gtctggatgt	agtgtctggat	480
gacaatcaga	atgtgcatga	tgtggctgca	ctcctcaagg	agtttttccg	tgacatgaag	540
gattctctgc	tgccagatga	tctgtacatg	tcattcctcc	tgacagcaac	tttaaagccc	600
caggatcagc	tttctgccct	gcagttgctg	gtctacctga	tgccaccctg	ccacagtgat	660
accctggagc	gtctgctgaa	ggccctgcat	aaaatcactg	agaactgcga	ggactcaatt	720
ggcattgatg	gacagttggt	cccaggcaac	cgtatgactt	ccactaactt	ggccttggtg	780
tttggtatctg	ctctcctgaa	aaaaggaaaag	tttggaaga	gagagtccag	gaaaacaaag	840
ctggggattg	atcactatgt	tgttctgtgc	aatgtggtcc	gtgccatgat	tgataactgg	900
gatgtcctct	tccaggtgcc	tccccatatt	cagaggcagg	ttgctaagcg	cgtgtggaag	960
tccagcccgg	aagcacttga	ttttatcaga	cgcaggaact	tgaggaagat	ccagagtgc	1020
cgcataaaga	tggaagagga	tgcactactt	tctgatccag	tggaacctc	tgtgaagcc	1080
cgggctgctg	tccttgctca	aagcaagcct	tctgatgaag	gttcctctga	ggagccagct	1140
gtgccttccg	gcactgcccg	ttcccatgac	gatgaggaag	gagcgggtaa	ccctccatt	1200
ccggagcaag	accgcccatt	gtccgtgtg	ccccgggaga	aggaggccaa	aactggcgctc	1260
agctacttct	ttccttagat	gtt				1283

<210> 2406  
 <211> 914  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(915)  
 <223> similar to gi3986768 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2406

cctttctagg	gaccagggaa	ggaaaccttg	gagagcgctc	tcacgcacct	cgactcggaa	60
aaacccaaga	agcttcgctt	ccacccaaag	cagctgtact	tctccgccag	gcaaggggag	120
cttcagaagg	tgtctctcat	gctggtggac	ggaattgacc	ccaacttcaa	aatggagcac	180
cagaataagc	gctctccact	gcacgcccg	gcagaggctg	gacacgtgga	catctgccac	240
atgctggttc	aggcgggcgc	taatattgac	acctgctcag	aagaccagag	gaccccgttg	300

atggaagcag	ccgaaaacaa	ccatctggaa	gcagtgaagt	acctcatcaa	ggctggggcc	360
ctggtggatc	ccaaggacgc	agagggctct	acgtgtttgc	acctggctgc	caagaaaggc	420
cactacgaag	tgggccagta	cctgctttca	aatggacaga	tggacgtcaa	ctgtcaggat	480
gacggaggct	ggacacccat	gatctggggc	acagagtaca	agcacgtgga	cctcgtgaag	540
ctgctgctgt	ccaagggctc	tgacatcaac	atccgagaca	acgaggagaa	catttgcctg	600
cactgggcgg	cgttctccgg	ctgcgtggac	atagccgaga	tcctgctggc	tgccaagtgc	660
gacctccacg	ccgtgaacat	ccacggagac	tcgccactgc	acattgccgc	ccgggagaac	720
cgctacgact	gtgtcgtcct	ctttctttct	cgggattcag	atgtcccctt	aaagaacaag	780
gaaggagaga	cgcccctgca	gtgtgcgagc	ctcaactctc	aggtgtggag	cgctctgcag	840
atgagcaagg	ctctgcagga	ctcggccccc	gacaggccca	gccccgtgga	gaggatagtg	900
agcagggaca	tcgc					914

<210> 2407

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(444)

<223> similar to gil065457 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2407

aagggatctt	gctattggcc	tccggctgaa	attgggggat	tggtttagag	tactccagct	60
gctgaaaaact	ggatctggtg	atgcagatga	cagtctcctg	gaacaagcca	acaatgccat	120
tggagactac	tttgctgata	gacaaaagtg	gttgaatgct	gtacaatatt	atgtacaagg	180
acggaaccag	gaacgcttag	ctgaatgtta	ctatatgtta	gaggattatg	aggggttaga	240
gaaccttgcc	atttcacttc	cagaaaacca	caagttactt	ccagaaatag	cacaaatggt	300
tgtcagagtt	ggaatgtgtg	aacaagcagt	gactgcattt	ttgaaatgta	gtcaacccaaa	360
ggcagcagta	gatacctgcg	tacatctcaa	ccaatggaac	aaagctgttg	aattggctaa	420
aatcatagtg	atgaaagaaa	ttggatctct	gttagctagg	tatgcatctc	atttactgga	480
aaag						484

<210> 2408

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(469)

<223> similar to gi930123 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters





```

<400> 2410
ttaatcctga ctgggagaag aaagtaattg agtattttta ggaaaagctg aaggaaaata    60
atgctcctaa gtgggtacca tcaactgaacg aagttcccct tcattatttg aaacctaata    120
gttttgtgaa atttcgttgc atgattcagg atatgtttga ccctgagttt tacatgggag    180
tttatgaaac ggttaaccaa aacacaaaag cacatgttct tcattttgga aaatatagag    240
atgtagcaga gtgtgggcct caacaagaac ttgattttaa ctctccacga aataccactt    300
tggaagaca gactttctat tgtgttccgg tgcctgggga atctacgtgg gtaaaagaag    360
cctatgttaa tgcaaaccaa gctcgagtca gtccctcaac atctacactc ctagtcgcc    419

```

```

<210> 2411
<211> 741
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (71)...(578)
<223> similar to gi5919219 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2411
atgctgctgg cttaaagaaa gaatgaaata tgaatagaca aaaacaaaga agggcgtaaa    60
agaaaaggcg acagatcagt cagtgaagac atttgctgaa cactgtcctg agcttcaata    120
tgtaggcctt atgggttgtt cagtcacttc taaaggagtt attcacctaa ccaagctaag    180
aaacctttcc agcttggacc tacgtcatat cactgaactg gataatgaaa ccgcgatgga    240
aattgtcaag aggtgcaaaa atcttatctc tctcaatctc tgtctgaact ggatcataaa    300
tgacaggtgt gtggaggtca ttgcaaagga aggacaaaac ctgaaagagc tatatttggt    360
gtcctgtaaa atcacagatt atgcaactgat agccattggg cgatacagca tgacaataga    420
gactgtggat gtcggatggg gtaaagaaat cacagaccaa ggagccaccc tgattgcaca    480
gagcagcaag tctctgagat atttggggct gatgagatgt gataaagtca acgaagtgc    540
ggtggaacag ctggtgcagc agtaccacca catcaccttc agcaccgtcc tgcaggactg    600
caagaggacc ttggagagag cctatcagat gggctggacc cccaacatgt ctgccgcctc    660
ctcctagcgc tcctgcctcg cctagtcacac tgggatcatt cagcagagca gaggagaatt    720
gtacatttgg ggagctgatc t

```

```

<210> 2412
<211> 471
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(469)
<223> similar to gi3540177 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 2414
ctctcgcttg agaagccttg atataagggtg tattcgcgagc ttaaatgggtt gtagagttac      60
tgatgaaatt ttgcatttag tgccaaataa agaaactttt agactcacc taagagctgt      120
caaattatgg gcaaaacgac gtgggtattta ttccaacatg ctaggattcc ttggtggtgt      180
ctcctgggca atgctagtgt caagaacttg ccaattgtat ccaaatgcag cagcatctac      240
tttagttcat aagttctttt tagttttttc caagtgggaa tggccaaatc ctgtgctgct      300
gaagcaacca gaagaaagca atttgaattt gcctgtctgg gatcctcggg taaatccatc      360
agataggtat catctcatgc ccataatcac ccctgcctac ccacaacaga attctacgta      420
taatgtgtcc acatcaactc gaacagtaat ggtagaagaa tttaaacaag gtcttgagc      480
cacagatgaa attcttcaag gaaagtcaga ttggtccaaa ctacttgagc caccgaattt      540
ctttcaaaag tatagacatt atatagtatt gactgccagc gcatcaacag aagaaaacca      600
tctagagtgg gttggttag tagaatctaa aatccgtgta cttgttgga acttgaacg      660
gaatgaattt attactcttg cccatgtgaa tccccagtc tccccaggga ataaggaaca      720
tcataaagac aacaattacg tatcaatgtg gtccttggga tttttt      766

```

```

<210> 2415
<211> 1518
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1519)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (108)...(1188)
<223> similar to gi5911290 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2415
cttctggacc taggactttg aacatgtcgc gcctgaagcg gatagcgggg caggatctcc      60
gcgctggttt caaagcaggt ggaagagact gcggtacctc ggtaccccaa gggctgttga      120
aggcagcgag gaagagcggc cagttaaacc tgctgggtag aaacctcagt gaagtgccgc      180
agtgtgtctg gagaataaat gtggatatcc ctgaggaagc taatcagaat ctttcgtttg      240
gtgctactga aagatgggtg gagcagacag atttgaccaa actaataata tcaaacaata      300
aacttcagtc acttacagat gacctgcgac tcttgccctg actgactgtt cttgatatac      360
atgataatca gttgacatcc cttccttctg ctataagaga gctagaaaat cttcagaaac      420
ttaatgtcag ccataataaa ctgaaaatac tccctgaaga aattacaaac ctaagaaacc      480
tgaagtgcct gtatctccag cataatgaat taacctgcat atcagaggga tttgaacaac      540
tttccaattt agaagattta gatctttcaa acaatcatct tacaactntt cctgctagat      600
tatcttctct gtccagtctg gtgcgactca atctttctag taatgaactg aagagtttgc      660
cagcagaaat aaatagaatg aaaaggttga agcatttgga ttgtaattca aatctcttgg      720
aaactatacc tcttgaattg gctggcatgg aatcactaga attgctttat ttgcggagga      780
ataaattacg ttttctacca gaatttcctt cttgtagtct attgaaggaa ttgcacgtag      840
gtgaaaacca gattgaaatg ttagaggcag aacatcttaa acatctgaat tcaattcttg      900
tgctagacct gagggataac aagttaaaat ctgttccaga tgaaattata ctactacggt      960
ccttggaag gcttgacctt agcaacaatg atattagtag tcttccttat tcattgggga      1020

```

```

accttcattt gaaatTTTTg gcattagaag gaaatccttt gagaacaatt cgaagagaaa 1080
ttataagtaa aggaacacaa gaagtcctaa aatatctacg aagcaagatc aaagatgatg 1140
gacctagcca aagtgagtct gctactgaga ctgccatgac actaccaagt gaatccagag 1200
tcaatataca tgccatcatt acattaaaaa tattagacta taggtatgta atttattatt 1260
atttttattt ttatagagat agggctcttac tgtgttgccc aggctgggtct tgagcttctt 1320
gggctcaagc catcctcctg ctttggcctc tcaaagtgtc aggattatag gcttgagcta 1380
ccatgcttgg cctaatttat ttttttttaa aacattacca aacacatagg aaacttttca 1440
gaaagaaacc cttcagtaaa aaggacaatt gatgaggaaa aattcatcag agtacttgac 1500
ttagagtaat aataattg 1518

```

```

<210> 2416
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(378)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2416
tggacagatc agatcatcca gacaaaatta acgaagaaac atcaaactta atctgcactg 60
tagaccaaat ggatttaata gatatttcta gaacatttca tctgatggct gcagaattta 120
cattgttctc ttttagcacat ggatcgctcct caaggttaga ccatatgtta ggccacaaaa 180
taagtcatta aaaattgaaa ccttgatact agaagcagac accgacacgt caaagaaaga 240
atactacagg ccaatgtctc tgatgaatat tgatgcagat atcctcaaca aaatactagc 300
aaaccagatt cagcaatacg ttataaagat cgttcattgt gatgaagtgg ggtttatccc 360
tggggtacaa ggatgg 376

```

```

<210> 2417
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (394)...(2)
<223> similar to gil049301 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2417
cgccgtgtttc ctcagagcca ctttttcctt tgtgttgtct ggctcggtcac tactttgagg 60

```

```

gaaaagaatt ttgccgttcg cgttcgattg actccgtccc caagatcctg tagccccacg 120
gacctggcga ctccaccgtg ttcgggtctt tctaggaacc caatctgcct tcatgaagaa 180
aagacagagg cagaaaggaa gatggcttac tgcctgacaa attgttatca gtactccgtg 240
acctttgagg atacagctgt ggacttcacc caggaggagt ggattttact ggaccagtt 300
cagagaaact tatacagaga tgtgatgctg gagaattatg agaacgtggc caaagtagga 360
tttcagctct ttaaaccacg tgtcatctct tggg 394

```

```

<210> 2418
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (114)...(359)
<223> similar to gi213020 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2418
aacgggaaat ggcggaaccg ggcggcgcgg cgggccggta agccggggccg aggggcagcg 60
ggtcttgagg tcgccaggcc gcgctctccg ttcaccgctc cagggtcccat ccggaagatg 120
gatcggcttc tgaggagag aaggaaggga ataatgaaag ccacatggtg tcaccaccag 180
agaaggatga tggccagaaa ggtgaagaag ctgtcggtag cacagagcat cctgaggaag 240
tcacaacca agcgggaagct gcaattgaag agggggagggt cgagacagaa ggggaagcac 300
cagtggaaag ggaagaggag gctgtgtcct atggagatgc tgaaagcgaa gaggaatatt 360
actatacaga aacttcatcc ccggaagggc aaatcagtgc tgcagatacg acttaccgt 420
atttcagtcc tcctcaggaa ctgcctggag aggaggcata cgatagtgtt agc 473

```

```

<210> 2419
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(643)
<223> similar to gi3628757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2419
cccatgggct gtgttacata gagacagcag aacttgatgg cgagaccaac atgaaagtac 60
gtcaggcgat tccagtcacc tcagaattgg gagacatcag taagcttgcc aagtttgacg 120
gtgaagtgat ctgtgaacct cccaacaaca aactggacaa attcagcgga accctctact 180

```

ggaaggaaaa	taagttccct	ctgagcaacc	agaacatgct	gctgcggggc	tgtgtgctgc	240
gaaacaccga	gtggtgcttc	gggctggtca	tctttgcagg	tcccgcact	aagctgatgc	300
aaaacagcgg	cagaacaaag	ttcaaaagaa	cgagtatcga	tcgcctaata	aataccctgg	360
tgctctggat	ttttggattc	ctggtttgca	tgggggtgat	cctggccatt	ggcaatgcca	420
tctgggagca	cgaggtgggg	atgcgtttcc	aggtctacct	gccgtgggat	gaggcagtgg	480
acagtgcctt	cttctctggc	ttcctctcct	tctggctcta	catcatcatc	ctcaacaccg	540
ttgtgcccac	ttcactctat	gtcaggtatg	tgccttctct	gacctggggg	ctctccaggg	600
agtcaggcgg	tcccatagaa	cttttctttt	ctatgaagat	gaagtccttg	agaagtaaacg	660
agaagtcctc	ttcttcctgt	actgtaaaca	tttgatgtta	tctgtttatc	tttgtgggca	720
gagcaaaact	tttaccacag	tttcttggtg	cttggggactg	tattagagaa	aaaaaaaaaa	780
aagg						784

<210> 2420

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(1018)

<223> similar to gi3874927 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2420

agcaagtctg	aagttttaca	ggaatctatt	agaaaacaaa	gtgtcaatta	tttcaagaat	60
taccatagaa	cacggctcga	tgaactgaga	atgttcttag	agaatgagac	ttgggaactt	120
tgctctgtta	agtcaaattt	cagcatcttg	caacttcatg	aatttaaatt	catggaacag	180
tctcgctccc	catcagtttc	acctagtaaa	cagccagtct	caacttcttc	aaaaacagtg	240
accttgtttg	agcagtactg	tagtggtggg	aatccatttg	aaattcaggc	caaccacaaa	300
gatgaagaaa	cagaagatgt	cttagcttct	aatgggtatg	aatctgatga	acaagaaaag	360
agtgccatc	aagagtatga	cagtgcagtg	gatgttcctg	aggaactcaa	acgagactat	420
gtggatgagc	agacaggaga	tggtcctgtg	aaaagtgttt	ctcgggaaac	tctaaaaagc	480
aggaagaaat	cagattacag	tctaaataaa	gtgaatgcac	ctatcttaac	aaatacaaca	540
ttgaacgtca	taagacttgt	tggaaaatat	atgcagatga	tgaacattct	taagccaatt	600
gcctttgatg	ttattcattt	catgtctcaa	ctatttgatt	attacttgta	tgcaatatat	660
accttttttg	gtcggaatga	ttcattggaa	tcaactggac	tcggccttag	tagtagtaga	720
ctaagaacaa	ctctaaacag	aatacaagaa	agccttattg	atctagaagt	ttcagctgat	780
cctactgcca	cactcacagc	agcagaagaa	agaaaggaga	aggtgccaa	tccacacctc	840
agtcacctag	tggttttgac	atctggggat	acgttgatg	ggttggcaga	aagagtggta	900
gccacggaat	ccttggtatt	cttggtcgaa	cagtttgagt	tccttcagcc	acatctggat	960
gctgtgatgc	ctgcagtcac	aaagcccttt	cttcagcagt	tctattctca	gacagtctca	1020
accgccagtg	gaactacgga	aaccaattta	ctgggattgt	aggctgggta	aagccctttg	1080
attatggaac	agatggcttg	cttctgcatg	ggctaattgt	ggaaatgggg	atggtaaaag	1140
gaattattgt	tcacagcaca	acat				1164

<210> 2421

000000000000

<400>	2421						
tttagc	tttcaacatt	tattctttat	tttgttcccc	caaacctacc	tgtctctctc		60
ctcttt	ctttggttcc	ctaatttaat	gttaccaaca	actcatggat	attaattttca		120
gtttga	atgctatttg	atactctggt	ctttgagaga	aggcctacat	aagtcaagcc		180
tgccg	gcagcctggc	agctgtgttt	tactgatgtc	ttttagagac	agacatcctg		240
tgacta	aatgtccaaa	ggggatctat	agttaactct	atttttaaaa	gttactgagg		300
catca	taaaaacaac	aataaaaaata	cttcttttag	gctgtttttt	taggttaagt		360
ctaaaa	aatgatgggt	ccaggttgat	ttgtttggtg	gttttgtgca	cacagatatt		420
aaagag	aacttgagca	aggggactcc	cctacctgtc	actcctgaga	tgagcagagt		480
ctcaat	caagaaaact	ttagctcggt	atttgggaga	aagctcttta	actccatatt		540
ataaat	aattttctaca	aaacagaaca	tctactgtt	catcccttta	taataatcaa		600
acaaaa	tcttttttta	atcacatcaa	ctgaatcctt	ctgttttcca	gatctcctac		660
catttg	attctaacaa	a					681

```
<210> 2422
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> similar to gi37195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1428



```

tttggttaaag gtgtgagaga agtctatgac tattactgcc gtagaaccat gaagaaaatt 720
aagcgcagaa cagacacaat gagactcctg gaaagg 756

```

```

<210> 2423
<211> 423
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(424)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2423
accaagtgca acaagaaaac attaacggat ctgcggctca gggtaactgg tcttaccgaa 60
ggccattcct atgaattcag agttgctgct gaaaatgcag ctggtgtggg agaacctagt 120
gagccatctg ttttctaccg tgcgtgtgat gccttgtatc caccagggtcc cccaagcaat 180
ccaaaagtga cggacacttc cagatcttct gtctccctgg catggagtaa gccaatttat 240
gatggtggcg cacctgttaa aggctatggt gtagagggtca aagaagctgc tgcggatgaa 300
tggacaacct gcactccacc aacaggatta caaggaaagc agttcacagt gaccaagctt 360
aaagaaaaca ctgaatataa ctcccgatt tgtgccatca attctgaag ttaggtgaa 420
cct 423

```

```

<210> 2424
<211> 516
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(519)
<223> similar to gil017427 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2424
caccagctaa agtgactgaa ttcagaaaaa gagtgggttaa agaagaaaaa gtatcaattg 60
aagctccaaa aagagaacct caaccatca aagaagtaac tataatggaa gagaaagaaa 120
gggcttatac cctagaagaa gaagctgttt cagtacaacg ggaagaagaa tatgaggaat 180
atgaagaata tgattataaa gaatttgagg agtatgaacc aacagaagaa tatgaccaat 240
atgaagaata cgaggagcgg gagtatgaac gatatgaaga gcatgaagaa tacatcacag 300
aaccagagaa gcctatccct gtaaagcctg tcccagaaga accagttccc acaaaaccaa 360
aggccccacc ggctaaagtg ctgaagaaag ctgtccctga agaaaaagta ccagtgccca 420

```

```

ttcctaagaa actcaaacct ccaccacca aagtgcctga agaaccaaag aaagtttttg 480
aggaaaaaat acatatattca attaccaaaa aaaaaa 516

```

```

<210> 2425
<211> 1272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(495)
<223> similar to gi3372657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2425
ctgaaaggcc ttctctgcct ttgcttatct tgcagtcttc atagtgaaga tgggtattga 60
aaattgtagt agcctgatag gggaaactaag atttaaggga tctacttttg gtttaatacta 120
cggactactg tattgcataa tagatctgat tcttgagtat cttttcagac tctagcagac 180
atgtatctga aacctattct tgttttccag aaatatcttc agagccagga gatgatgatg 240
aaccacacaga aggaagcttt gagggacacc aagctttcgt aaatgcaatt cagatatattg 300
ggaacttgct atatacctgt tcagcagata aaactgttcg ggtttataat ctggtgagtc 360
ggaaatgtat tgggtgtcttt gagggtcata cctccaaagt taactgcctc ctggttactc 420
agacctccgg gaagaatgct gccctttaca ccgggtccag tgaccatacc atccgctgct 480
ataatgttaa ggtaggtggg tccagagaaa tccaaagtgg ttcataattga gtcgcctttg 540
tatttactgt gtggagtggg gacactgtgg cagacgcttc attctacca ccatctcctt 600
tttgcttcta aacaatgttt agcacattgt tgtagcccta ggtagatatg agacttacac 660
ataaaccata ttttctgtct ctctccacca gtattttttc acttcctact attaataata 720
taccttcctt ggtctttgcc ataaatgtta tgcatatcat atgtcaaaac taatcctaga 780
tagaataaag agaaaaatgt aggcggggct cagtggctca cgctgtaat ccagcactt 840
tgaggaggcc aggtgggtgg atcacctgag gtcgggagtt tgagaccagc ctgaccaaca 900
tgagaaaacc ctgtctctac taaaaataca aaattagccg ggcattggtg cgggcgcctg 960
taatcccagc tactagggag gctgaggcag gagaatcgct tgaacccggg aggcggaggt 1020
tgaggtgagc tgagatcgcg ccattgcact ctagcctggg caccaagagc gaaactccgt 1080
ctcaaaaaaa taaataaata aataaaaaata aaaataaaaa taacgaagcg ttactccaga 1140
ccattcccag gatgcctcat gcacattagg ggtgccacca tccagttctg gtggttggtg 1200
ggaacgggaa tgtgtgtgta aagaggtctg gccccacttg ggcagggaat gagtagggaa 1260
ggagctgtcc tt 1272

```

```

<210> 2426
<211> 652
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(654)

```

<223> similar to gil212992 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2426

cggacgcgtg	ggaggatgtg	aatatgaata	tcgtgtttat	gcagaaaatg	ctgctggcct	60
aagtcttcca	agtgaaacct	ctcccttaat	tagggcagaa	gatccagtgt	tcctaccatc	120
tcctccatcc	aaacccaaaa	ttgtggactc	aggcaagaca	actataacta	ttgcctgggt	180
taagccgctg	tttgatggtg	gggccccgat	aactggatat	actgtagaat	acaaaaaatc	240
tgatgacact	gactggaaaa	cttccattca	gagcttacga	gggacagaat	atacaataag	300
cggactaaca	acaggagctg	aatatgtttt	cagagtaaaa	tctgtcaata	aggttggtgc	360
tagtgacccc	agtgatagct	ctgaccctca	gatagcaaa	gaaagagaag	aagaaccttt	420
atttgatatt	gacagcgaaa	tgaggaagac	cttgattgtc	aaggctggtg	cctcatttac	480
catgactgtg	cctttccgag	gaagaccagt	acccaatgtc	ttgtggagta	agccagacac	540
tgacctccgt	actagagctt	atgttgatac	cacagactct	cgtacatcac	tgaccattga	600
aatgccaac	agaaatgact	ctggaaaagta	cacattaaca	attcagaatg	tt	652

<210> 2427

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(1748)

<223> similar to gil017427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2427

ggaattcccg	ggtcgacgat	ttcgtatgaa	gaccttgaaa	cttcagcaga	actcagaatc	60
gaagctgaac	caattcagtt	tacaaagcgc	atacagaaca	tcgtggtgag	tgagcatcag	120
tctgccacct	ttgagtgtga	agtgtccttt	gatgatgcca	ttgtaacatg	gtacaaagga	180
ccaacagaac	tgacagagag	ccagaaatac	aacttcagga	atgatggccg	ctgccattat	240
atgaccatcc	acaatgtgac	cccagacgat	gaaggtgtct	actcgggtcat	cgctcggctg	300
gagccaagag	gtgaagcaag	aagcacggca	gagctgtacc	taacgacgaa	agaaatcaaa	360
cttgagctga	agcctcctga	tattcctgac	tccagagttc	caatcccaac	catgcctatc	420
agagcagtg	caccagaaga	aatccctcct	gtggttgctc	ctcctatccc	ccttttgcta	480
ccaacacccg	aagaaaagaa	accaccacca	aaacgtattg	aagttacca	aaaggctgtg	540
aagaaagatg	ccaaaaaagt	tgttgcaaa	cccaaagaga	tgacaccacg	tgaagagatt	600
gtcaagaagc	ctccacctcc	tactacctta	attccagcaa	aagctcctga	aatcattgat	660
gtatcctcta	aagctgaaga	agtaaaaata	atgactataa	ccagaaagaa	agaggttcag	720
aaagaaaaag	aagctgtgta	tgagaaaaag	caagcagttc	acaaggagaa	gagagtcttc	780
attgaatctt	tcgaagaacc	ttatgacgaa	ctggaggtag	aaccatacac	agagccattt	840
gaacaacctt	attatgaaga	accagatgaa	gactatgaag	agattaaggt	agaagctaaa	900
aaagaagttc	acgaggaatg	ggaagaagat	tttgaagaag	ggcaagaata	ctatgaaagg	960
gaagaaggct	atgacgaagg	ggaggaagag	tgggaagagg	cttaccaaga	aagggaagta	1020
attcaagttc	aaaaggaggt	ctatgaagaa	tcacatgaga	gaaaagttcc	agccaaagta	1080
cctgaaaaga	aagcaccacc	acctcctaaa	gttataaaga	agccagtaat	tgaaaaaatt	1140

094822-012100

gaaaagactt	ctcgaagaat	ggaggaagaa	aaagttcaag	tcaccaaagt	acctgaagtt	1200
tcaaagaaga	ttgttccaca	aaaaccttcc	cggactccag	tacaggaaga	agttattgaa	1260
gtgaaagtac	cagctgtgca	tacaaagaag	atggttat	cagaagaaaa	gatgttcttt	1320
gcttctcaca	cagaggagga	ggtgtcagtc	acagtccccg	aggtacaaaa	ggaaattggt	1380
actgaagaga	aaattcacgt	tgccatttcc	aaaagggttg	aaccaccacc	taaagtccct	1440
gagctacctg	agaaaccagc	tccagaagaa	gtggccccctg	ttcctatccc	taaaaaagt	1500
gagccccag	caccaaagt	tctgaggtt	ccaagaaac	ccgtgccaga	ggagaaaaag	1560
ccagttcctg	tgcctaagaa	ggaacctgct	gctcccccaa	aagtcccaga	ggtgccaaag	1620
aaacctgtcc	ctgaagaaaa	gattcccgtt	cctgttgcaa	agaaaaagga	agctccccca	1680
gctaaagttc	ctgaagtaca	gaagggagtt	gtgacagaag	aaaaaataac	cattgtaact	1740
caaagag						1747

<210> 2428  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(428)  
 <223> similar to gi4850182 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2428						
gattccagaa	gatatgatgt	caagaccagg	aagtggagct	ttctcttgga	agagcacagt	60
aaactaattg	caaagggtgcg	ctgcctccca	caagttcagc	tggacctct	gccacgact	120
ctcacctgg	cgtttgcttc	tcagctcaag	aagacatctc	tcagtctcac	gccagatgtc	180
ccagaggcag	acctttctga	agtggacccc	aagctcgtgt	ctaactctgat	gccctttcag	240
agagctggag	tcaattttgc	catagccaaa	ggaggccgcc	tgtgtctgc	tgacgacatg	300
ggcctgggga	agaccatcca	agccatctgc	atcgcagcct	tttaccggaa	ggagtggccg	360
ctcctgggtg	tgggtgccatc	ctccgtgcgc	ttcacctggg	agcaggcctt	ccttcggtgg	420
ctgccatctc	tgagcccaga	ttgcatcaac	gtcgtggtga	ctgggaagga	ccgcctgaca	480
gctg						484

<210> 2429  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (29)...(416)  
 <223> similar to gi3327098 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2429
ggcaccgcca ccaccgccgc cgccacagca gcagcagcag cagctcacgg cattcctgca    60
gcagctccag gcgctcaaac cccccagagg cgggggaccag aacctgctcc cgacgatgag    120
ccggtccttg tcggtgccag attcggggccg cctctggggac gtacatacct cagcctcatc    180
acagtcaggt ggtgaggcca gtctttggga cataccaatt aactcttcga ctcagggtcc    240
aattctagaa caactccagc tgcaacataa attccaggag cgagagagaag tggagctcag    300
ggcgaagcgg gaggaagagg aacgcaagcg tcgagaggag aagcgccgcc agcagcagca    360
ggaggagcac aagcggcggc aggaggagga agagctgttt cggcgcaagc acgt          414

```

```

<210> 2430
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (207)...(598)
<223> similar to gi5360271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2430
caaccaccca gaggtgagga gatagtagag gaagaaggag aaggggggtg gggggcgcca    60
agcacaaaga gcaaaggcaa aggcaagcac agtgacagat gagacttgag aggtgccagg    120
ggccagggtg tgcgaggcct tggaggccag catgcagtct aggatgaggc ctccctacctt    180
cagcctgcct gagggccagg agctggaggg aggcgagtga aggcccttct tcccgtgcct    240
gcagtaatgg ctcccaggac acctttgaag catgttacag cggcacgtcc acaccttctt    300
tccatggctc ccactgcagc ggcagcgacc acagcagtct gggcttggag cagttacagg    360
attacatggt cacgttgagg agtaagctgg ggcccctcga gatccagcag tttgcgatgc    420
tgctgcggga gtaccggctg gggctgcccc tccaggacta ttgcacaggc ctgctgaagc    480
tctacggaga ccggcgcaag ttccctcctc ttgggatgag gcccttcac cgggaccagg    540
acatcggcta cttcgagggc ttcttgaggg gcgtgggcat ccgcgagggc ggcacccctca    600
ctgacagctt cggccgcgac aagcgcagca tgagctccac gtcggcctcc gcagtgcgca    660
gctacgatgg cgcggcgagc cggcccagag cacaggcctt ccaccggctg ctggctgaca    720
tcacgcacga catcagggc

```

```

<210> 2431
<211> 620
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (37)...(621)
<223> similar to gi5689527 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2431  
gtaaccacca ctactcatag cgttggacga gggcatgagc tacagttgct taatgaagaa 60  
ctgagaaaca ttgagcttga gtgtcagaat atcatgcagg ctacacaggct ccagaaagtg 120  
acagaccagt atggagacat ctggacattg catgatggag gattccggaa ttataacacc 180  
agcatagata tgcaaagggg aaagctagat gacatcatgg agcatccaga aaagtctgac 240  
aaggacagtt ctagtgttta caacacagct gagagctgca gaagtactcc gctcactgta 300  
gaccgttccc ctgacagttc ccttccaagg gtgatcaacc tcaccaataa gaaaaacctg 360  
agaagcacia tggcagccac ccagtcctct tccggacaga gcagtaaaga gtcgacctcc 420  
accaaagcca aaaccactga gcaaggttgt agcgctgaaa gcaaggagaa ggttttagaa 480  
ggcagcaagc ttcctgatca agagaaggca gtcagcgaac acatccctta cctctctcct 540  
taccacagct cctcatatag atatgcaaac atcccagcac acgcccggca ttatcaaagc 600  
tacatgcagt taattcaacg 620

<210> 2432  
<211> 418  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (6)...(421)  
<223> similar to gi4826496 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2432  
gggtctgggg ctgcctggcc accgtgtcca cccacaagaa gatccaagga ctgccatttg 60  
ggaactgcct gcccgctcagt gatggcccct tcaacaatag cactgggatt cctttcttct 120  
acatgacagc caaggacccc gtggtggctg atctgatgaa gaaccccatg gcctcgctga 180  
tgctgccaga atcagaaggg gagttctgca gaaaaaacat cgttgatccg gaagatcccc 240  
gatgtgtcca gttaacgctc actggccaga tgatcgcagt gtctccagaa gaagtagaat 300  
ttgccaaagc agccatgttt tcaaggcacc cagggatgag gaagtggcct cgtcaatatg 360  
aatggttctt tatgaagatg aggatagaac atatctggct tcagaaatgg tatggagg 418

<210> 2433  
<211> 645  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (285)...(519)

<223> similar to gi31334 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2433

aaacttcaaa	aaataataag	atccaagtca	aaggtaagag	ttactttctg	aaagataata	60
ctgcacaggg	gcaggatgta	ccaggggtga	gcagggtgag	ttcatggcaa	aggaaagccc	120
atggggccact	tggggggggg	gtggagacat	gtaggggtggc	ctgtgtgtcc	aactggctgt	180
ttctttgagt	cttggtggca	agtgtctgaga	cacaaactgc	ctcttaccag	aaattccgaa	240
ccgcattaat	catttgggtt	taattcctct	ctctagagct	gtttttgata	gccagcccct	300
cccatccac	agaggggagc	ccagtgacct	tgacgtgtaa	gatgcccttt	ctacagagtt	360
cagatgcccc	gttccagttc	tgctttttca	gagacaccg	ggccttgggc	ccaggctgga	420
gcagctcccc	caagctccag	atcgctgcca	tgtggaaaga	agacacaggg	tcatactggt	480
gcgaggcaca	gacaatggcg	tccaaagtct	tgaggagcag	gagatcccag	ataaatgtgc	540
acaggggtccc	tgtcgctgat	gtgagcttgg	agactcagcc	cccaggagga	caggtgatgg	600
agggagacag	gctgggtcctc	atctgctcag	ttgctatggg	cacag		645

<210> 2434

<211> 504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (329)...(425)

<223> similar to gi2914017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2434

ggtagagcat	ccaacctgcg	actgcccagg	ccttgggcag	tttccttata	tgagtgggag	60
ccctggaagc	ccacactgcc	tccttgggaa	actgttaaata	ctcacctttg	ggtaactgct	120
gaagcagaag	gcacagcaca	gagcaatcat	gagattgcat	ttgtgatgca	tccttgaggg	180
cggagaagac	cacaaaggat	ggctctgtgc	gtggccagtc	gctgctgtgg	ccgggtccca	240
tttacagaga	ggtctgtgag	ggtgaggagg	agtggagggt	tttctgcatg	tgcttctggg	300
cttgcatagt	aagaggattt	acttcccagc	tcttcatctt	gctgtcatgc	acgggcggct	360
caacaacatc	cgggttctcc	tgacagagtg	cacagtggac	gccgaagcct	ttaatctcag	420
gtgagcgcg	tgggcccag	taggccccgc	ggcgccctggc	ctgctgctca	cagctgctgg	480
ttgctggtgc	ctcccatcag	cccc				504

<210> 2435

<211> 742

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(378)  
 <223> similar to gi3881530 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2435  
 cttttatggt agtaatcgaa aagatggatt ttgccttagc ggtagtatcc tggctaagtc 60  
 taagttttat ggaaactcat tatctgcaat attagagga gaagcacggt taactttctt 120  
 gaatagaggt gaagattatg taatgacaat gccatacgct cattgtaaaag gaattcctta 180  
 tggtagaatg aacttgagac ttggtggaac agtcaatatt acatgtcaaa aaactggata 240  
 cagtgcataa cttgaattta aactaaagcc attcctaggg agtagtgact gtgttaatca 300  
 aatatcaggg aaacttaaac tgggaaaaga agtcctagct actttggaag gtcattgggt 360  
 aagtattttg tatatgagct ttacaaaaag aattttattc tgtgggaaaa aaaaaatcac 420  
 atttaaaatt taaaacttat tccgttgctg aaaacatcac tatttaacat aagcttcac 480  
 ttaatagcag atattttggt ggtgttctgt tatcaacagt agttaatttt gtgtaatttt 540  
 ttatttccaa aacttaaaat cagtagaaat agctaactac tatatatgac ttactgcatt 600  
 atttaagaat gttactcata ttaactgatt taatatttat aacatataac gctatgaggt 660  
 gagtatatag gtgccatgcc cattttatta ttgtttatta ttggcccat tttacagaag 720  
 aggacactga ggcacagaga gt 742

<210> 2436  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(439)  
 <223> similar to gil679607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2436  
 ctgaggcct tcggcaacgc caagactgtg cgcaacaaca attccagccg ctttggcaag 60  
 tactttgaga tccagttcag ccgaggtggg gagccagatg ggggcaagat ctccaacttc 120  
 ttgctggaga agtcccgcgt ggtcatgcaa aatgaaaatg agaggaactt ccacatctac 180  
 taccagctgc tggaggggac ctcccaggag caaaggcaga acctgggcct catgacaccg 240  
 gactactatt actacctcaa ccaatcggac acctaccagg tggacggcac ggacgacaga 300  
 agcgactttg gtgagactct gagtgctatg cagggtattg ggatcccgcc cagcatccag 360  
 cagctggtcc tgcagctcgt ggcggggac ttgcacctgg ggaacatcag tttctgtgaa 420  
 gacgggaatt acgcccgg 438

<210> 2437



<211> 422  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (197)...(424)  
 <223> similar to gi516515 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2437  
 ctctgctgcc tgtgagctgg agcccactca ctctgctgc tcccacgaag cttcccatcc 60  
 atttactttc tgcaaacctt catggagcgt cattggcctt gaagaagcag caatggaaat 120  
 tcaattccag gctctccaac cagactttgc aaagtggatc tttgcagctc ctgctctgat 180  
 cagcccttgg ttttgtcctg tcccctcggg ggtgaggacc gagatcttcc tgcagtcttc 240  
 ccggcgggca gctttcatgg tggacggggc agtgactgg ctcaccaact tcatcatagg 300  
 cttcctgttc ccatccatcc aggaggccat cgggtgcctac agtttcatca tctttgccgg 360  
 aatctgcctc ctcaactgcga tttacatcta cgtgggttatt ccggagacca agggcaaac 420  
 at 422

<210> 2438  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(158)  
 <223> similar to gi3417295 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2438  
 cttttttgta taccaatcgc caaacttgctc aggactggct aacgcggatt cgactctcca 60  
 tcatgagggg aggattggtg gcaggccagc ctgcagtgc agtgagacat ggctttgact 120  
 tgcttacaga gatgaaaaca accagcctat ctcaggtaaa gtggtgtgtt tgaaattcat 180  
 ttttaagtctg ttaataagaa aaacatgggt taattccttt ggtatgattt aatctatgga 240  
 taaaataagt taaagcttgg attcattttc aaagggtttg atcctgtatt ttgtaaaagc 300  
 aacaactgcc agagttacct atttttattcg tgttaaaaca gtgttagaag tcaaaaataat 360  
 gttcatgttt ttgttcatgt taaaacaata ttcattgttag aacacgttaa aactctattt 420  
 cttccgtgca aagtttagaa ctttaagggt aattctgaaa atttgtttat gggggaaaat 480  
 ttttatttat ttattttatt ttttgagccg agatcgtgcc actgcactct tttagcctgg 540  
 gcaacaacag tgaaactcca tctcaaaata aataaataaa taaataaaaa taataataact 600  
 tttttttcca tttaaaattt tctcagtttc tcctagtgtg cagtgcgctc tcattgtcag 660  
 gggaccgctg tggggaaagg ggtcggacag ctctgcactg ggcagttccc tgctccctgg 720  
 aaggctttcc catgtttata tttttcttt 749

<210> 2439  
 <211> 659  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (184)...(366)  
 <223> similar to gil871199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2439  
 cacaccaaac ttaacaaaac ttacaacagt agttacctgt ggggaggaag attaggtccc 60  
 ctgtcctcct ttgagtaaca ataaaagaaa aaaaccttga aaaaatgacc tcttgacttg 120  
 tggaactggt attttcatag ttagtaggag tttaaccttg ctctggtctc accttctcat 180  
 cccagataa aagctgagga tgaccagccc ctcccgggag tcctcttata cctgagcggt 240  
 ggcctgtttc gttccaacct cttgacccag gacaacggca ttctgacatt ctcaaacctg 300  
 gtaacgtggt ctgcaattta ccacctgcct gtcttccttg agagagagcc aggatgcagc 360  
 atgcgagact tacgtgttgc ttgacaacgt gagaagagaa agccaatgtg gagtgggttc 420  
 agtttcttgg gggcccacgg tcattagagt attgctctta ctggaactta atgctgctga 480  
 ttcatgttcc cttccacacg cgcttcttgt tttctgatca cccacttgtc actaagacag 540  
 tgtaattaat ttccctggcc acaactggct gctctcttag ggcatcttct cggttttgcc 600  
 acggaaatca tgcttatgat ggctgangtc tggtttgggt ggtaaggctg gcgttttct 659

<210> 2440  
 <211> 483  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (276)...(471)  
 <223> similar to gi2688800 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2440  
 catttagatt tgatacgaga aacagtagcg ccccatcga gaggataagt atgcctcaaa 60  
 cacaggagtt cttgggaaga gaattatcac aagagacaac ttctgttggg tgttggccag 120  
 tgtccctcgt cccccaccc tgggtcccca ctgctttacc tcttgctttg cagccttctc 180

tcctcacagc	cttctgtgtg	ctgtgttttt	ggccctgata	gccccatggc	acaactgcac	240
tttgccctac	ctaggcctgt	ggcttcttgc	ctggcagggtg	ccacttctcc	acttttaagc	300
agtgccaaga	gtggctctca	cggctaagcc	gagccacagc	aagacctgcc	aagcctgaag	360
acctctttgc	ctttgcctac	catgcctggt	gcctggggct	gaccgaggag	gaccagcaca	420
ctcacctatg	tcagccaggt	gagcacatac	gttgctcgagc	cgggaatccg	gccggtccgc	480
atg						483

<210> 2441  
 <211> 968  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (858)...(968)  
 <223> similar to gil765864 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2441						
ggaggcaggg	agaaaggagg	tgaggccagt	tgggaagggg	tacactcagg	ggacttaacg	60
cctggcaatg	tatcgtttat	tcaactgagt	gctggatact	caagtatccc	atatattatt	120
ctatacacct	ttttgtgtgc	cttaactaat	gcatttttta	aagtcagttt	ttctgtgata	180
tcagacaaat	actttagcat	ttagattctc	tttctctcac	tgaattgact	agtaaattca	240
gttatgaata	atthagccca	aaattaacct	agcaaggatt	tcacctgcaa	attaaattta	300
ttttctgcca	aaggacttaa	gttccaaccc	agaaaccccc	ttttacaaag	cactcactct	360
tacttttctg	attgtttaaa	taaaggcaag	taattccttt	tccctcttca	ctctgtggta	420
cagttctgaa	gaataacttc	atgtgttttg	tgaatgtttg	aaattcacca	ggcaaaagcc	480
acagctaata	gattgtagta	acatagaaat	gccacgtgcc	acagatccca	cctccttgct	540
cctgtccctg	ctcctgctag	ctcaaccttt	tccctgcact	gacaggcatt	gtagactacg	600
ggtcaagcca	gctttgaagc	caagcacatc	tggcttcaaa	tcctaactcc	atccccaact	660
acttgatga	cctgacccta	agcagatagt	ttctctcctt	ggattctgtc	aagggggaaa	720
atacttccct	tacaaggttg	ctgtgaaaat	aaagtgtgat	aatacatgaa	aagcaccttg	780
cacatagtag	gtgcctaaca	cacatctgta	tgccctagcc	gccagacccc	tgccagatga	840
ttttattttc	ccctagtggg	tctgttcctc	ggagtcaaac	tgactatgct	tttgcgactg	900
gcaacttgag	ggggagattc	ttctccactg	aaaccctgtg	gagcctagca	ccctatgaag	960
gcaggagg						968

<210> 2442  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(425)  
 <223> similar to gi3881698 in the genepept database release 114,

0049375-01400

Run with FASTXY 3.3t00, default parameters

<400> 2442  
ctctgggtcag gtgatccaaa aggaaactgt tgggtgggacg acttacttct atacagacac 60  
aactccagca cctttgactg gaatggtgtt tccaaactat catatattatc ctccaactgc 120  
acctcacgtt gcttatatgc aaccgaaagc aaacgcacct tccttcttca tggctgatga 180  
actccgacag gagctgatca acagacattt aataacaatg gctcaaattg atcaagcaga 240  
tatgccagca gttcctacag aggttgacag ctaccatagc ctattccctc tagaaccact 300  
gccacctccc aaccggatac agaaatcaag taattttgga tatattacat cttgctacaa 360  
agctgtaaag agcaaagatg atctgccata ttgccttcgg aggatacatg gttttcgtct 420  
tgттаacaca aagtgcattg tggt 444

<210> 2443  
<211> 464  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(465)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (53)...(457)  
<223> similar to gi3877162 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2443  
tacgttccnn nnnngaattc ccgggtcgac gggaggcagg aggtggcggg aggggggtcgt 60  
gaagtctagc ttcacgtatc tgctgctgga ccccaggag actcaggacc tgccagcccg 120  
agccttctca ctgaccccag ctgagcgctt tcagactttc atccgtgcc a tcttctacgt 180  
gggcaaaggg acgaggggccc ggccatatgt ccacctcttg gaggcccttg gtcaccatgg 240  
gcggtcaaga aaacagcccc accaggcctg ccccaagggtg cgtcagatct tggacatctg 300  
ggccagtggg tgcggcggtg tgtccctaca ttgcttccag cacgtggtcg ctgtggaggc 360  
ttatacacgg gaggcgtgta ttgtggaagc cctagggatc cagacgctca ccaaccagaa 420  
gcaagggcac tgctatggag tgggtggcagg ctggccacct gctc 464

<210> 2444  
<211> 1015  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (247)...(662)  
 <223> similar to gi2854153 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2444

gaattcccg	g	tcgacgatt	t	cgtggctgg	t	cttgaactc	c	tgggctcaa	g	caatctgcc	60
cacctcagcc	t	cccaaagt	c	tgggattac	a	ggcgggagc	c	atggtgccc	g	gccaatcta	120
taaattctta	c	caacaaagt	a	agattattc	t	gccttttaa	a	aaatgtttc	a	actgcacct	180
ttaaaaaata	g	catatataa	a	gcctttcaga	t	actcaaata	a	cgtttatat	t	ctcttcatt	240
catcaaggga	a	agagttttc	t	ttttacaaa	c	gagccaaa	t	ccttgtagc	a	gatacgtgg	300
agtgtattgg	a	aggaaaagg	a	gatggctgc	t	caaggaca	t	ctccagtat	c	accatgttt	360
gctgattata	g	attacctca	g	gttcttgc	c	atcttgag	c	cctgaaata	c	ctctgatgac	420
ctactgaaga	a	gccttctca	a	aggagaaat	c	ctctcatat	g	gagacaggc	a	agaggtggaa	480
atcagagggg	g	ctcgctttg	g	tgtgttgag	c	gatccggg	a	ttgtcttct	g	gagcttatt	540
gaacaaaagg	g	tgaaaaacc	t	aatggagag	a	tcaattcca	t	cttcttgga	t	tattactta	600
tgggactatg	c	ccatgacca	t	agggaagat	a	tgaaggaa	t	ccggtttca	t	gcatacgt	660
tgcataatatt	a	ttgacctca	a	gtgtaaact	g	atccaaaga	a	aaacccctg	c	gttttatat	720
catatcatct	g	tacagtttt	g	ctttgatat	t	tagagaaca	t	gatcgagg	t	ataggaaat	780
tgattgccca	t	ctcacttg	a	aaaatactt	c	taggcggg	g	cacagtggt	t	atgcctgt	840
aatcccagca	c	tgtgggagg	c	tgaggcg	g	tggatcatc	g	aggtcagga	g	tttgagacc	900
acctggccaa	c	atggtgaaa	c	cccatctct	a	taaaaata	c	aaaattagc	t	gggcgtggt	960
ggcacgtgcc	t	gtaatccca	g	ttacttggg	a	ggctgaggc	a	agagaatcg	c	ttga	1015

<210> 2445  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(358)  
 <223> similar to gi3882307 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2445

ggaaaacctg	c	agaagctgg	t	ccacattga	g	cacagcg	c	ggggccaag	g	ggatctcct	60
ccagccagga	a	gggagtttc	t	gaagggaag	g	acgctgatg	a	aagtaacag	g	gaaaaacag	120
acggccccgg	c	acctatttc	t	gatgaacga	t	gtgctcctg	t	acacctatc	c	ccagaagga	180
tgggaagtac	c	ggctgaaga	a	acacattgg	c	tgtggccaac	a	tgaagggtca	g	ccgcccctgt	240
gatggagaaa	g	tgcctacg	c	ctctaaagat	t	gagacttcc	g	agtcctgcc	t	gatgctgtc	300
tgcgagctcc	t	gtgcagaga	g	ggacgagtg	g	tatggctgt	c	tgagcagag	c	cctccctga	360
ggactacaag	g	cccaggcgc	t	ggctgcatt	c	accatagc	g	tggagatac	g	agagaggct	420
gggggttagc	c	ttgggggaga	g	gccccccac	c	ctggtgcct	g	tcacacacg			470

<210> 2446  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(417)  
 <223> similar to gi3043612 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2446  
 tttcgtacag atgctcgggt agccatcacc atctattacc aggccacgga agagttccag 60  
 aatggtattg ccagctacat tcccaaagac aacagcctcc agtcggagac tgtgcagtac 120  
 aagcgaggag tgtgtcagca gttctgcctg cctcccccaca ccgtggatcc ctccgagtgg 180  
 gccgaagagg agcttggtct tgatttagac cgagaagttt accctctagt ggtacatgcc 240  
 gtggtggatg aaggagacga gtattttggc cattgccatg tactgctggg tacttttgag 300  
 aagcacacag atggaacttt ctgtgtcaag cccctcaaac agaaacaagt agtagacggg 360  
 gtcagctacc tccttcagga gatctatgga attgaaaaca agtacaacac acaaga 416

<210> 2447  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (26)...(577)  
 <223> similar to gi4587569 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2447  
 cccacgcgtc cgctcaaaac ataattttctg tttcatggag atgaatacaa ggctgcaagt 60  
 ggaacatcct gttactgaga tgatcacagg aactgacttg gtggagtggc agcttagaat 120  
 tgcagcagga gagaagattc ctttgagcca ggaagaaata actctgcagg gccatgcctt 180  
 cgaagctaga atatatgcag aagatcctag caataacttc atgcctgtgg caggccatt 240  
 agtgcacctc tctactcctc gaggagaccc ttccaccagg attgaaactg gagtacggca 300  
 aggagacgaa gtttccgtgc attatgaccc catgattgag aagctggtcg tgtgggcagc 360  
 agatcgccag gcggcattga caaaactgag gtacagcctt cgtcagtaca atattgttgg 420  
 actgcacacc aacattgact tcttactcaa cctgtctggc caccagaggt ttgaagctgg 480  
 gaacgtgcac actgatttca tccctcaaca ccacaaacag ttgttgctca gtcggaaggc 540  
 tgcagccaaa gagtctttat gccaggcagc cctgggtctc atcctcaagg agaaagccat 600  
 gaccgacact ttcactcttc aggcacatga tcaattctct ccattttcgt ctagcagtgg 660  
 aagaagactg aatatctcgt ataccagaaa catgactctt aaagatggta aaaacagtaa 720

gtaatgtttc	attaaaagag	aaatgtgagt	catagaaatg	tatcacatta	atctgaaaaa	780
gaggattcca	gcctggccat	gacagtcag	ttacattttt	taaatgccta	ggctaaacat	840
tggagggaaa	tatgccaata	taatagaatt	gattggctct	gggtagtaga	gttgatggta	900
tttgcttttc	ttctttacac	tttttaaaaa	atttg			935

<210> 2448

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(414)

<223> similar to gi37195 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2448

tttcgtgagt	tctgttagct	tgtcctgggc	ccggcccaaa	gatgatgggtg	gttctagagt	60
cacaggctac	tacatcgaac	gcaaagagac	atccactgac	aagtgggtca	gacacaacaa	120
gactcagatc	accaccacaa	tgtacactgt	cacagggtct	gttcccgatg	ctgagtatca	180
gttccgcac	atcgacaga	atgatgttgg	cctgagttag	accagccctg	cttctgaacc	240
agttgtttgc	aaagatccat	ttgataaacc	aagccaacca	ggagaacttg	agattctttc	300
aatatccaaa	gatagtgtca	ctctacagt	ggagaaacct	gaatgtgatg	gtggtaaaga	360
aattcttgga	tactgggttg	aatatagaca	gtctggagac	agtgcctgga	aa	412

<210> 2449

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (267)...(430)

<223> similar to gi4583557 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2449

cccacgcgtc	cggtttcatg	ttgaagaaaa	tcagtgttgg	ggttgacagga	gacctaaaca	60
cagtcaccat	gaagctgggc	tgtgtcctca	tggcctgggc	cctctacctt	tcccttgggtg	120
tgtcttgggt	ggcccagatg	ctactggctg	ccagttttga	gacgctgcag	tgtgagggac	180
ctgtctgcac	tgaggagagc	agctgccaca	cggaggatga	cttgactgat	gcaaggggaag	240
ctggcttcca	ggtcaaggcc	tacactttca	gtgaaccctt	ccacctgatt	gtgtcctatg	300
actggctgat	cctccaaggt	ccagccaagc	cagtttttga	aggggacctg	ctggttctgc	360

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gctgccaggc ctggcaagac tggccactga ctcagggtgac cttctaccga gatggctcag 420
ctctgggtcc ccccgggcct aacaggggaat tcttccatcc accggtgggt aacaaaaggg 480
cagacaagcc gggcaactaa ccaattgcag t 511

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<210> 2450
<211> 504
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (64)...(223)
<223> similar to gi5689399 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2450
gtcgacgatt tcgtgaaatg aattgtttga ttgctgactt tattcttttg tcttacacac 60
cagggtttcc atgataaagt ttggaggac tgcaatatag tcctcagttt aaatgccagt 120
aactgcaaag ctctgtatcg gaaatctaag gctttaagtg atttaggaag atacaaaaag 180
gcttacgatg ctgtagcaaa gtgctcctta gcagtgcctc aggtatggaa tttatagttt 240
atttgtttac atcgtaacca ttacatcat aataaatggc atttaaagag ttaaattttc 300
cagtcaccca tcaacctgct tcagttgggt ataattgcta atgaagcagg tgtcttgatg 360
ggaaacttcc ctgttttgtc tattcttctt caccattagt aaatataacc ctgttaatta 420
tacatactta tttttttcag gatgagcatg taatanaact aactcaagaa ctagctcaga 480
aaatggggat taaaataaga aaag 504

```

```

<210> 2451
<211> 913
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (33)...(538)
<223> similar to gi3098418 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2451

```



ttttcggcac	gaggaaaacc	acagccaaca	ggagccacac	agatagtgca	ggaacgcccc	60
atgtgtctgg	tgggaagatg	ctcagtgtct	tggagtccac	ggtgcctccc	agccagcctc	120
cacctgtggg	cacctcagcc	atccacatga	gcctgtctga	gatgaggcgg	agcgtggcgg	180
aactcaggct	ccagctccag	cagatgcggc	agctccagct	gcagaaccag	gagttgctga	240
gggcaatgat	gaagaaggcc	gagctggaaa	tcagtggcaa	agtgatggaa	acaatgaaga	300
gactggagga	tcccgtgcag	cgacagcgcg	tcctagtggg	gcaagagaga	caaaaatatc	360
ttcatgagga	agagaagatc	gtcaagaagt	tgtgcgagtt	ggaagacttt	gttgaagact	420
tgaagaagga	ctccacggca	gccagccgat	tggttactct	gaaagacgtg	gaagacgggg	480
ctttcctcct	gcgtcaagtg	ggagaggctg	tagctaccct	gaaaggtaaa	ctttctgctg	540
ggtcggggga	ggagtctgag	ctgtctttcc	tgcggtgttt	aaaaatctgc	cacatagagg	600
attcattcat	gttatgcaag	tatttattta	aacgtcttac	atgtgccagg	gcattgttct	660
ggacacttgg	gaatacccca	cagcaciaag	taggtgcaca	tccccctct	tcttgagct	720
ggtattagag	tgggtgctgt	aagatttcac	actaaatgat	tccagtaaca	ctttctatct	780
gctaggctct	tacagtgcac	cgggatgcat	gtgccaaacc	cgtttaaaaa	cacaagggtg	840
ggagggatca	cttggaattc	ccagggagtt	tcaagaccag	cctgggcaat	atagagagac	900
tcacatctct	acc					913

<210> 2452  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(447)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (52)...(446)  
 <223> similar to gi5459374 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2452						
tttcgtggag	ggtccccata	ttgcccata	ggcagcggct	gttcctgttt	ccccgagggc	60
tcggagggtac	tgaagggtgg	cgccatggat	ggagaccggg	gcaaacccaa	tcgaattctc	120
tacagccttg	taaattggga	cgatggagcc	tttgaaatta	atgagacatc	tggagccatc	180
tccatcactc	agagcccggc	ccagctccag	agagagggtg	atgagctgca	tgtacagggtg	240
actgaaatga	gccctgcggg	gagcccagct	gcccaggcca	ccgtcccagt	caccatcagg	300
attgtggacc	tcaacaacca	cccgccaaca	ttctatggag	agagcggacc	ccaaaacagg	360
tttgagctgt	ccatgaatga	gcacccaccc	cagggagaga	tcctgcggng	cctcaagatc	420
accgtcaatg	actccgacca	gggaaa				446

<210> 2453  
 <211> 505  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (273)...(358)

<223> similar to gi3395490 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2453

tttcggttggg	agctgggtgg	gcagggtggg	gagcccttcc	cagagcagtg	ggccccctt	60
tccactccag	cccatctctc	tctgtggcc	tgtggctcag	ctttctctg	ggacagagtc	120
cttcctgtgg	ggaagggaca	gatgacaggg	ggagtggggg	gatgagggcg	tggccgtggg	180
cgaggcacag	cccaggtttg	atctagggac	ctctggggta	gcagggttg	gggacccacc	240
tgaccacagc	atgccctgct	ctgtgectca	cagaactaca	ggatctcatg	cacatctcac	300
gggcccggaa	gccagcggtc	atcctgggct	ccatgagggg	cgagaagcgg	acgtaagtgg	360
atcgagatcg	gtggcagagc	ggcgaacgtg	tgcgctttcc	tgccccctac	ccacccccctg	420
ttgagggctc	agggctttac	tctctgcacc	ctcacagccg	gcgaagtggc	tctgctccta	480
gtcttatagt	tcttagcaga	gacag				505

<210> 2454

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(361)

<223> similar to gi3875538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2454

cctccccact	gtcccagtc	catcccaacc	ctctcacgct	taccagagtc	ccgggcagcc	60
tgcagggcat	gcaggtagtt	gtctctggca	gccttgtggt	ccccagctg	gctcaatgca	120
aaggccaggc	tgccaaagct	ccggccctgc	tcccaccgct	gccccacaga	gccgtgtagg	180
tcagcagcct	tctggtgaaa	ctcccagct	tctgatagt	tgccgagggc	attgtggggc	240
atcccagagt	ttcttagcac	tgtggcctgc	tctcctggca	cccagcacag	gggcagggcc	300
tgcaggaagg	cctccacggc	cagcgggaac	agctggagct	gggagtagcc	caggcccagc	360
agtcgcctct	cagtgcctct	ctcggcacga	aa			392

<210> 2455

<211> 500

<212> DNA

<213> Homo sapiens





tcagtaccag	tttccacccc	ctctcattgc	acccgcggcc	attcgggacg	gngagctgat	660
ctgcaatggg	atccctgag					679

```

<210> 2459
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(424)
<223> similar to gi5916205 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2459						
tttcgtgcag	ccttcgggaa	gtcctgcagg	agccgcgttc	caggagggca	gctggcagcc	60
gccccaggcc	cccgggccc	ctgcagggtga	ttaggctaata	gagctgcccc	gggggcccgg	120
agaccggcct	ggcgagcgga	ttaccgcggc	cccagctgct	gccggcgagg	actcccagga	180
gctccggaga	ggaaccctcc	gaagggtgact	tcagaactgg	agttacctgg	ctgagcagtg	240
ctggaatggc	ggctttatct	acctgatcat	gctgcgtcgc	tttaagcaca	aagcccactc	300
cacttataat	ggcaacagta	gcaacagctc	tgaaccagga	gaaacaccta	ccttgagct	360
gggtgaccga	actgcgaaaa	aggggaaaac	aaccagaaag	tttggggtca	tctccaggcc	420
tcctg						425

```

<210> 2460
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(277)
<223> similar to gil64070 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2460						
ccagaaactg	tttggtatga	tcattaccat	tgggcaagcc	attgtgtatg	tcattgacggg	60
gatgtatggg	gaccctgcag	aaatgggtgc	tgggaatctgt	ctcctgatca	tcattcagtt	120
gtttgttgct	ggtttgattg	tgctgctgtt	agatgagctg	ctacagaagg	gttacggcctt	180
ggggtctggg	atttccctct	ttattgccac	caacatctgt	gagaccattg	tctggaaggc	240
ctttagtccc	actaccatta	acactggcag	aggtacatcg	cacagcgact	gcaactgcac	300
gcgttttgct	ggatgtgtgc	tgggaacaaa	cccatcgtgt	cgcagtacat	gcctagagcc	360
gttctggatt	gctctcctag	gggataagga	atgcgaattc	ttcaaaactt	aatgagcaga	420

gatttgtgga	gtaagcaata	ctacctcaga	gagaatagta	tcaaaatfff	agtctctgct	480
tattttaaaf	ttcagtgggt	gcaaacagat	tttcaaaatt	tcttttggtt	accttgctta	540
aggcattgct	gcagaagtca	tttatttgac	tgatttcagc	atccgtaggg	ggataaaaaag	600
gtagtggatt	ttaa					614

```

<210> 2461
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(491)
<223> similar to gi3983137 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2461						
tttcgtggag	gaggagaaca	tccgcgtggt	tcgttgtggc	ggcagcgagt	tgaacttttag	60
gagagctgtg	ttctctgcag	attctaagta	tatcttctgt	gtctctggag	actttgttaa	120
agtttacagc	acagttacag	aagagtgtgt	acacatactg	catggacaca	gaaatctggt	180
gactggaatc	cagcttaacc	ccaacaacca	tctacagctg	tattcttggt	cccttgatgg	240
cacaattaaa	ctgtgggact	atatagatgg	catcttaata	aagactttca	tagttggatg	300
taaacttcat	gccctcttta	ctcttgccca	agctgaggat	tctgtctttg	ttatagtga	360
taaagaaaaa	ccagatatat	ttcagctggt	ttcagtga	ctgccaaaat	cctcaagcca	420
ggaagtagaa	gcaaaggagc	tgctcctttg	tttggttac	ataaaccagt	caccaagtg	480
cattgccttt	ggaaacgagg	gagtatatgt	tgctgcagta	cgggaaatfff	acttgtctgt	540
ttattttttc	aaaaaggaaa	caacatcaag	ggttacttta	tcatcatcaa	g	591

```

<210> 2462
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(393)
<223> similar to gi4006920 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2462						
tttcgttcag	cttccacagc	gtgtctggaa	ttctggtttg	ccaggcgggc	tgctctctgg	60
aggagctgag	ccggtatgtg	gaggaacggg	acttcatcat	gccgctggac	ttaggagcca	120
agggcagctg	ccacatcggg	ggaaacgtgg	caaccaacgc	tgagggcctg	cggtttcttc	180



tacttgg	aat	ggaaacattc	tttccatttc	taataaaagc	tgggatcttc	ttatcccaca	240
agcaagttca	aataacaatg	gcaattatcg	atgcattgga	tatggagatg	agaatgatgt		300
atttagatca	aatttcaaaa	taattaaaat	tcaagaacta	tttccacatc	cagagctgaa		360
agctacagac	tctcagccta	cagaggggaa	ttctgtaaac	ctgagc			406

<210> 2465

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (37)...(1132)

<223> similar to gi951231 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2465

acatctgtcc	gtgtgggtgga	attcgaggat	tcagctgaaa	aagaagtttt	taagagtgc	60
tattacaaca	aagttccagt	tagtaaaatt	ctaggcaagt	gtgtgggtcat	gtttgtcaag	120
gaatacttta	agttatgccc	agaaaacttc	cgagatgagg	atgtttttgt	ctgtgaatca	180
cggatattctg	ccaaaaccaa	atcttttaag	aaaattaaac	tgtggaccat	gccccatcagc	240
tcagtcaggt	ttgtccctcg	ggatgtgcct	ctgcctgtgg	ttcgcgtggc	ctctgtatct	300
gcaaattgcag	ataaagggtga	tgatgagaag	aatacagaca	actcagagga	cagtcgagct	360
gaagacaatt	ttaacttgga	aaaggaaaaa	gaagatgtcc	ctgtggaaat	gtccaatggt	420
gaaccaggtt	gccactactt	tgagcagctc	cattacaatg	acatgtggct	gaaggttggc	480
gactgtgtct	tcatcaagtc	ccatggcctg	gtgcgtcctc	gtgtgggcag	aattgaaaaa	540
gtatgggttc	gagatggagc	tgcatatctt	tatggcccca	tcttcattca	ccctgaagaa	600
acagagcatg	agccacaaa	aatgtttctac	aaaaaagaag	tatttctgag	taatctggaa	660
gaaacctgcc	ccatgacatg	tattctcgga	aagtgtgctg	tgttgtcatt	caaggacttc	720
ctctcctgca	ggccaactga	aataccagaa	aatgacattc	tgctttgtga	gagccgctac	780
aatgagagcg	acaagcagat	gaagaaattc	aaaggattga	agagggtttc	actctctgct	840
aaagtggtag	atgatgaaat	ttactacttc	agaaaaccaa	ttgttctctca	gaaggagcca	900
tcacctttgc	tggaaaagaa	gatccagttg	ctagaagcta	aatttgccga	gttagaaggt	960
ggagatgatg	atattgaaga	gatgggagaa	gaagatagtg	aggtcattga	acctccttct	1020
ctacctcagc	ttcagacccc	cctggccagt	gagctggacc	tcatgcccta	cacaccccca	1080
cagtctaccc	caaagtctgc	caaaggcagt	gcaaagaagg	aaggctccaa	a	1131

<210> 2466

<211> 1249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (439)...(1244)

<223> similar to gi4589676 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 2466  
cgagatggg ctaccgctcc ctctgagcg ctctctctc tcgctcctct cccctcaccc 60  
gccgccttcc ctgctgggtc cctctccccg gtctccacct ctctccctc tcctggaagg 120  
gaaaagtctg ccaagctggg gactgccacg accaaaccaa caaaggccga ccgaaggcgg 180  
agaacttgaa aagaacttgt tttgttccag ttaaggaacc tgcaggaaaa tccacaccca 240  
cattgcctgg ttttgaactg gagagctgcg tgtgtgtgtg tatgtgtgtg tgtgtgtcaa 300  
gcaagaggcg gaggaggcac agactatggt ctctgttttg ataaggaaac tgccagctgt 360  
cgaaagttaa ccagcagaga ggggaagatg gcccaggagc cagcccctcc tgagttttaa 420  
actacactgt tttctgtcca gatattccaa tggagacagt tggaaaacct gtacttcaga 480  
gaaaagaagt tttccgtgga agttcatgac ccacgcaggg cttcagtgac aaggaggacg 540  
tttgggcaca gcggcattgc agtgacacg tggatatgat gtccggcatt gatcaagtcc 600  
atctgggcta tggccataag ccaacaccag ttctatctgg acagaaagca gagtaagtcc 660  
aaaatccatg cagcacgcag cctgagtgag atcgccatcg acctgaccga gacggggacg 720  
ctgaagacct cgaagctggc caacatgggt agcaagggga agatcatcag cggcagcagc 780  
ggcagcctgc tgtcttcagg atctggtgcc aggagacact gcattctact cccaggttct 840  
caggaatcag atagctcgca gtcggccaag aaggacatgc tggctgcctt gaagtccagg 900  
caggaagctc tggaggaaac cctgcgtcag aggtcggagg aactgaagaa gctgtgtctc 960  
cgagaagctg agctcacggg caagctgcca gtagaatatc ccctggatcc aggggaggaa 1020  
ccacccattg ttcggagaag aataggaaca gccttcaaac tggatgaaca gaaaatcctg 1080  
cccaaaggag aggaagctga gctggaacgc ctggaacgag agtttgccat tcagtcccag 1140  
attacggagg ccgaccgccg cctagccagt gaccccaacg tcagcaaaaa actgaagaag 1200  
caaaggaaaa caaagtatat aaatgcagtg aagaaactgc aggtgtatt 1249

<210> 2467  
<211> 441  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (145)...(442)  
<223> similar to gi4633066 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2467  
tttcgtcaga gccgcgggag gacggttgcc tggattatt agcaagcagc aaatatggcg 60  
gtggcgcgcg tggacgcggc tttgcctccc ggagaaggat cagtgggtcaa ttggtcagga 120  
cagggactac agaaattagg tccaaattta ccctgtgaag ctgatattca cactttgatt 180  
ctggataaaa atcagattat taaattggaa aatctggaga aatgcaaacg attaatacag 240  
ttatcagtag ctaataatcg gctggttcgg atgatgggtg tggccaagct gacgttgctt 300  
cgtgtattaa atttgctca taatagcatt ggctgtgtgg aagggtctaaa ggaactagta 360  
catctggaat ggctgaattt ggcaggaaat aatcttatag ccatggaaca gatcaatagc 420  
tgcacagctc tacagcatct c 441

<210> 2468  
 <211> 929  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (35)...(931)  
 <223> similar to gi915328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2468  
 ctccggagcg gacttcccgg gtcgacgatt tcgtcaagcc ctcagcccca cgggtagcag 60  
 ccgctatgcc tcttccgggg agctgagcca gggaagctct cagctgagcg aggacttcga 120  
 ccctgacgag cacagcctgc agggctccga catggaggat gagcgggacc gggactccta 180  
 ccaactcctgc cacagctcgg tcagctacca caaagactcg cctcgctggg accaggatga 240  
 ggaagagctg gaggaggacc tggaggactt cctggaggag gaggagctgc ctgaagatga 300  
 cgaggagctg gacgaggagg aggaggagggt gcctgacgat ttgggcagct ataccagcg 360  
 tgaagacgta gctgtggctg agcccaaaga cttcaaacgc atcagcctcc cgccagctgc 420  
 cccagggaag gaggacaagg cccagtggtc acccaccgag gcccccgaca tggccaagggt 480  
 ggcccccaag ccagccacgc ccgacaagggt gcctgcagct gagcagatcc ctgaggctga 540  
 gccacccaag gacgaggaga gtttcaggcc gagagaggat gagggaaggcc aggaggggca 600  
 ggactccatg tccagggccca aggccaaactg gctgcgtgcc ttcaacaagg tgcggatgca 660  
 gctgcaggag gcccggggag aaggagagat gtctaaatcc ctatggttca aaggcggccc 720  
 agggggcggt ctcatcatca tcgacagcat gccagacatc cgcaagagga aacctatccc 780  
 actcgtgagc gacttggcca tgtccctggt ccagtcagg aaagcgggta tcacctcggc 840  
 cttggcctcc agcacgttga acaacgagga gctgaaaaac cacgtttaca agaagaccct 900  
 gcaagcetta atctaccca tctcgtgcc 929

<210> 2469  
 <211> 993  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (29)...(995)  
 <223> similar to gi56463 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2469  
 cggacttccc gggtcgacga tttcgtaaatt tcacatcccg atcaccctgt atcccagcat 60  
 cttgacattt ccgtggcaac caaagacggg cgcctatcag tacacaataa gggcccacgg 120  
 tggcagtggt aacttcagct ggtcttcgtc aagccacctg gttgccacag ttactgtcaa 180

```

gggcgtgatg accacaggca gtgacatcgg gttcagtgtg atccaggcac atgatgtgca 240
gaacccactc catttcggtg agatgaaggt gtatgtgatc gagccccaca gcatggagtt 300
tgccccgtgc caggtggagg cacgtgtggg ccaggccctg gagctgcccc tgaggatcag 360
tggcctcatg cccggcgggg ccagtggagt ggtcaccttg agcgactgct cccactttga 420
cttggctgtc gaggtggaga accagggtgt gttccagcca ctcccaggga ggctgccgcc 480
aggctctgag cactgcagcg gcatccgggt aaaggccgag gccaggggct ctaccacgct 540
tcttgtgagc tacagacacg gccacgtcca cctgagtgcc aagatcacca ttgctgccta 600
cctgcccctc aaggctgtgg atccctcctc tgttgccctg gtaaccctgg gtcctcaaaa 660
ggagatgctg tttgaaggag gtcccagacc ttggatcctc gagccgtcca aattcttcca 720
gaacgtcacc gctgaggaca ctgacagcat cggcctggct ctctttgccc cccattcctc 780
cggaattat cagcaacact ggatccttgt gacctgtcag gccttgggtg agcagggtcat 840
cgccctgtcg gtggggaaca agcccagcct caccaacccc tttcctgcgg tggagcctgc 900
cgtggtgaag ttcgtctgcg cccacccgtc caggctcacc ctgcgcctg tctacaccag 960
ccccagctg gacatgtcct gtccgctgct gca 993

```

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<210> 2470
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (223)...(498)
<223> similar to gi2224675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2470
tttcgtggct gaatcaatgg ctctgaaggc ccgggggagcg tgagcgatgc ccagctgcac 60
ccgggcaggg ctgccttttg tttgccagta aggaggagag gctgtctcag ctgcagaggg 120
gtcatccctg cttcaagcca gtgcctcttc ccagctccca tggggaccac cgaagccacg 180
ctccggatgg aaaacgtgga cgtgaaggag gaatggcagg acgaagatct tcccaggcca 240
ctcccagaag agacgggggt ggaactgctt ggcagcccgg tggaagacac atcctctcct 300
cccaacacgc taaatttcaa cggagcgcac cgtaagagga agacgctggt ggccccagag 360
atcaacattt ctctggatca gagtgagggg tccctgctgt ccgatgactt cttggatacc 420
cctgatgacc tggatattaa cgtggatgac atcgagaccc ccgatgagac cgactcgctg 480
gagttcctgg ggaatggcaa cgaactggag tgggaagacg acacccccgt ggccaccgcc 540
aagaacatgc ccgg 554

```

```

<210> 2471
<211> 832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(793)

```

<223> similar to gi4883516 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2471

tatttcgagc	ggcagttggg	gcggtaccag	aggggtgcctg	gaaggatacg	gccagctcc	60
acaagagcga	ggaggcgaag	cggtgtctgc	ggtattacct	cttccagggc	cagcgctata	120
tctggatcga	gaccagcaa	gccttctacc	aggtcagcct	cctggacccat	ggccgctctt	180
gtgacgacgt	ccaccgctcc	cgccatggcc	tcagcctcca	ggaccaaagt	gagaggaagg	240
ccatttacgg	ccccaacgtg	atcagcatac	cggtcaagtc	ctacccccag	ctgctggtgg	300
acgaggcctt	cagcatcgcg	ctgtggctgg	ctgaccacta	ctactggtac	gccctgtgca	360
tcttcctcat	ttcctccatc	tccatctgcc	tgtcgctgta	caagaccaga	aagcaaagcc	420
agactctaag	ggacatggtc	aagttgtcca	tgcgggtgtg	cgtgtgccgg	ccagggggag	480
aggaagagt	ggtggactcc	agtgaactag	tgcccgga	ctgcctggtg	ctgtcccagg	540
aggggtgggt	gatgccctgt	gatgccggcc	tgggtggccg	cgagtgcatt	gtgaatgata	600
gctctctgac	aggagagagc	attccagtgc	tgaagacggc	actgccggag	gggctggggc	660
cctactgtgc	agagacacac	cggcggcaca	cactcttctg	cggaaccctc	atcttgcatg	720
cccgggccta	tgtgggaccg	cacgtcctgg	cagtgtgtgac	ccgcacaggt	atgagccggg	780
aggctgggt	tgagagagat	ccgggctcag	cacccttgaa	gaggtggagt	gg	832

<210> 2472

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (191)...(778)

<223> similar to gi4019275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2472

tttcgtgcac	aatggccggc	ccccgcgggt	agtggagccc	gtttgttccg	cccgtgtcga	60
gcctggagcc	agaacctgtg	aagagcgga	gggccaagg	acgtcttctc	cacgccgctc	120
cgactccagg	ggagccgtgg	cctcctctcc	gccctagcgc	tgagaacctg	gggtaccgat	180
ggatgtggcc	gagagccctg	aacgggatcc	tcactctcca	gaggtgaag	agcagccaca	240
gggactctcg	gacgatgaca	ttctgaggga	cagcgggtcc	gatcaggatt	tggacggggc	300
gggggtgagg	gcttctgata	tggaggatga	ggaaagtgca	gccagggggc	cgagccagga	360
ggaggaagat	aatcactccg	acgaggagga	ccgggcaagt	gagcctaaat	cccaagacca	420
ggactcagag	gtgaatgagc	tgagccgggg	cccagccagc	tccccctgcg	aggagggagg	480
ggacgaagg	gaggaagacc	ggacaagcga	ccttagggat	gaggcctcct	cagtcaaccag	540
ggagctggat	gagcatgagc	tagactacga	tgaggagggt	cctgaggagc	cagctcccgc	600
cgtccaggag	gacgaggctg	agaaagcggg	ggctgaggat	gatgaggaga	agggcgaagg	660
cactcccagg	gaggagggga	aggctggtgt	tcagagtgtg	ggagaaaagg	aatccctgga	720
ggctgccaa	gagaaaaaga	aagaggacga	tgatggagaa	atcgatgatg	aggaaatgta	780
tt						782

<210> 2473  
 <211> 1498  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(927)  
 <223> similar to gi3171934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2473  
 gcggcccgag cccagctgcc ggccgcgcag cgaataccag ccctccgacg ctcccttcga 60  
 gcgcgagacc cagtaccaga aggacttccg cgcttgccg ctgccgcgcc gcggggacca 120  
 cccgtggatc cccaagcccg tgcagatctc tgcggcctcc caggcgctcg cgccattct 180  
 cggggcgccc aagcgccggc cgcagagcca ggagcgctgg ccagtgcagg ccgccgctga 240  
 ggcccgggag caggaggcgg ccccgggcgg agcgggtggc ctggcgggccg gaaaggcgctc 300  
 cggggcgga cagcgcgaca cgcgcaggaa ggccgggcct gcctggatgg tgcgccgcgc 360  
 cgagggcctg gggcacgagc agacgccgct gcccgcggcc caggcccagg tccaggccac 420  
 cggccccgag gctggcaggg ggcgcgccgc ggcggaagcc ctcaaccggc aaatccgcga 480  
 ggaggtggcg agtgcagtga gcagctccta caggaatgaa ttcagggcac ggacggacat 540  
 caagcctgtg aaaccaataa aggcgaagcc ccagtacaag ccccagatg ataagatggt 600  
 tcatgagacc agctacagtg ctcaagttca aggagaggcc agcaagcca caacagctga 660  
 caataaggtc attgatcgca gaagaatacg cagcctctac agcgaaccct tcaaggaaacc 720  
 cccaaagggtg gaaaaaccta gtgttcagag ttccaaacca aaaaagacct cagcgagcca 780  
 taagcccacg aggaaggcca aagacaagca ggcggtgtca ggccaggctg ccaagaaaaa 840  
 gagcgcgga ggcccgagta ccaccaagcc agacgacaag gagcaaagca aagagatgaa 900  
 caataaactg gctgaggcga aagagtaaat ttccctgcac tttcctttta ctcttctctc 960  
 tctctccctc cccccaactt ttttttttta aaccaaaaa caaaaaagg ccacaaaatt 1020  
 aattagaggc ttctcatctg ccttggtcct gagggttcca ggagctcttt ggtttggctt 1080  
 cttttgatgg aagaatcctg cttcacagac tgagtggcag gcctcctcct gagggccagc 1140  
 ccctgggagc accagggaag cgttgccgct ggctgtgccc tccctgggc actctgactg 1200  
 catgctgatg agcaaggcag gcaggtctga gaggcgaaac gaatctcccg gcagtgtctg 1260  
 ggaagtgtct gtgggggtct cctcctccca gatccccaag atctgttgct actggtcgat 1320  
 tttgaacttt aggtacatgt gttcttttca aaaattcaga gaatcgatcat gttgccacag 1380  
 aagctcagcc tgggcttcag caattgacaa aatttgaaga aatattaac aaaaataaca 1440  
 aaaaaagaaa caaccttggc cttaatgtca ataaaaggga gttgtgtctg ttaaaaaa 1498

<210> 2474  
 <211> 506  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (37)...(465)  
 <223> similar to gi213235 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2474  
tttcgttctg gggtgcccgc gggtccgagc tcaactgctcc tcgtgggtggg cagcgagttc 60  
gggagcccgg gggtccctcac ctacgtcctg gaggagctcg aaagaggcat ccggtcttgg 120  
gatgtcgatc ctggcgtctg caaccttgat gaacagctca aggtctttgt gtcccgacac 180  
tctgccacct tctccagcat tgtgaaaggc cagcggagcc tgcaccaccg tggagacaac 240  
ctggagaccc tgggtcctcct gaacccatca gacaagtccc tgtatgatga gctccggaac 300  
cttctgttgg accctgcctc tcacaagcta ctggtgttgg ctgggccctg cctggaggag 360  
acggggggagc tgctgctaca gacagggggc ttctgcctc accacttcct ccaggtcctg 420  
aaggacagag agatccggga catcctggcc accacgcccc cacctgtgca gccgcccata 480  
ctcacctatc acaccccatc caaaaa 506

<210> 2475  
<211> 690  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (26)...(692)  
<223> similar to gi5802543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2475  
tttcgtggat gagaccctgg ccagcaggaa gtcggatgcc atcttcagag ctgccaagaa 60  
ggacctgctc accctgatga agctggaaga ctcatctctg ttggatggcc ggggtggcgt 120  
tctgcacgtt cctgcaggca cgggtggtgtc aaggcaggga gaccaggacg ccagcatcct 180  
gttcgtggtc tcggggctgc tgcacgtgta ccagcgggaag atcggcagcc aggaggacac 240  
ctgcttggtc ctcacgcgcc ccggggagat ggtgggccag ctggccgtgc tcaccgggga 300  
gcctctcatc ttcaccgtca aggccaacag ggactgcagc ttctgtcca tctccaaggc 360  
ccacttctat gaaatcatgc ggaagcagcc gaccgtcgtc ctgggtgtgg cgcacactgt 420  
ggtgaagagg atgtcgctcct tcgtgcggca aatcgacttt gccctggact ggggtggagg 480  
ggaggccggg cgagcaatat acaggcaggg ggacaagtcc gactgcacgt acatcatgct 540  
cagcggccgg ctgcgctctg tgatccggaa ggatgatggg aagaagcgcc tggccgggga 600  
gtacggccga ggagacctcg tcggcgtggt ggagacactg acccaccagg cccgggcgac 660  
cacggtgcat gccgttcggg actcagaatt 690

<210> 2476  
<211> 1316  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (260)...(1099)  
 <223> similar to gi3549261 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2476

gcaaggcggc	acgtcctgct	ccccctggtg	aagaagctgc	cctgggcttg	tcgtcctagg	60
gtctccagac	atgtctgagg	tgaagagccg	gaagaagtcg	gggccaagg	gagcccctgc	120
tgcggagccc	gggaagcgga	gcgagggcgg	gaagaccccc	gtggcccgga	gcagcggagg	180
cgggggctgg	gcagaccccc	gaacgtgcct	gagcctgctg	tcgctgggga	cgtgcctggg	240
cctggcctgg	tttgtatttc	agcagtcaga	aaaatttgca	aagggtggaaa	accaatacca	300
gttactgaaa	ctagaaacca	atgaattcca	acaacttcaa	agtaaaatca	gtttaatttc	360
agaaaagtgg	cagaaatctg	aagctatcat	ggaacaattg	aagtcttttc	aaataattgc	420
tcatctaaag	cgtctacagg	aagaaattaa	tgaggtaaaa	acttgggtcca	ataggataac	480
tgaaaaacag	gatatactga	acaacagtct	gacgacgctt	tctcaagaca	ttacaaaagt	540
agaccaaagt	acaacttcca	tggcaaaaaga	tgttggtctc	aagattacaa	gtgtaaaaac	600
agatatacga	cggatttcag	gtttagtaac	tgatgtaata	tcattgacag	attctgtgca	660
agaactagaa	aataaaatag	agaaagtaga	aaaaaataca	gtaaaaaata	taggtgatct	720
tctttcaagc	agtattgatc	gaacagcaac	gctccgaaag	acagcatctg	aaaattcaca	780
agaattaac	tctgttaaga	agacgctaac	cgaactaaag	agtgacttcg	acaaacatac	840
agatagattt	ctaagcttag	aagggtgacag	agccaaagtt	ctgaagacag	tgacttttgc	900
aatgatcta	aaaccaaagg	tgtataatct	aaagaaggac	ttttcccgtt	tagaaccatt	960
agtaaagtat	ttaacactac	gcattgggag	attggttacc	gacttactac	aaagagagaa	1020
agaaattgct	ttcttaagtg	aaaaaatatc	taatttaaca	atagtccaag	ctgagattaa	1080
ggatattaaa	gatgaaatag	cacacatttc	atgatatgaa	ttagtttgac	gttattgaga	1140
ttagactaag	gtaatttttt	taatgggacc	tctcatgaga	agactggtaa	atcaaaaata	1200
atgatatttt	ggagcaaaaag	tcattttata	tttaattcta	ttttgtacag	taaaaataaa	1260
actttaaaac	aggttgattt	tccaaaataa	atatgctaaa	acctaataaa	aaaaaa	1316

<210> 2477  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(571)  
 <223> similar to gi5052670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2477

tttcgtctgg	aggaaagccc	gtgtgggtcgc	tggcaaaaagc	gacgggagca	ggtaaaccac	60
gggaacatgc	cagggcttca	gagcaccttc	ctagccatgg	acacggagga	gggggtagag	120
gtgggtgtgga	acgagctcca	cttcggagac	aggaaggcct	tcgcggcgca	cgaggagaag	180
atccagaccg	tgttcgagca	gctgggtgctg	gtggaccacc	cgaacatcgt	gaagttgcac	240
aagtactggc	tggatacctc	tgaggcctgc	gcgagggtca	tcttcatcac	agagtacgtg	300

tcatcaggca	gcctcaagca	attcctcaaa	aagaccaaga	agaaccacaa	ggccatgaac	360
gcccgggctt	ggaagcgctg	gtgcacgcag	atcctgtctg	cgctcagctt	cctgcacgcc	420
tgcaccccc	caatcatcca	cggaacctg	accagcgaca	ccatcttcat	tcagcacaac	480
ggcctcatca	agatcggtc	cgtgtggcac	cgaatcttct	ccaatgcact	tccagatgat	540
ctccgaagcc	ccatccgcgc	tgagcgagag	gaa			573

<210> 2478  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (80)...(452)  
 <223> similar to gi790819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2478						
tttcgtcggg	ggcgggctcc	accttcacct	ctgccttctg	ctctgcttca	tgctgcccga	60
ggacgctgcc	atggctgtgc	tgacggcctc	caaccacgtg	agcaacgtca	ccgtgaacta	120
caacatcacc	gtggagcgga	tgaacaggat	gcagggcctg	cggtctctta	cagtgccagc	180
cgtgctgtcc	cccaatgcc	cgctggcact	gacggcgggc	gtgctggtgg	actcggccgt	240
ggaggtggcc	ttcctgtgga	cctttgggga	tggggagcag	gccctccacc	agttccagcc	300
tccatacaac	gagtccttcc	cggttccaga	cccctcggtg	gccaggtgc	tggtggagca	360
caatgtcacc	cacacctacg	ctgccccagg	tgagtacgtc	ctgaccgtgc	tggtcatctaa	420
tgcttctgag	aaccggacgc	agcagggtgt	gatccgcagt	ggccgggtgc	ccattgtgtc	480
cttgaggtgt	gtgtcctgca	aggcacaggc	cgtgtacgaa	gtgagccgca	gctcctacgt	540
gtacctggag	ggccgctgcc	tcaattgcag	cagcggctcc	aagcgagggc	ggtgggctgc	600
acgtacgttc	agcaacaaga	cgctgggtgt	ggatgagacc	accacatcca	cgggcagcgc	660
aagcatgtga	ctggtgctgc	ggcggggcgt	gctgcggggac	ggcgagggat	acac	714

<210> 2479  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (298)...(426)  
 <223> similar to gi4234 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2479



```

ttccccgggtc gacgatttcg tccgggttcc cgcgggcca gagattccgg ccaggctctg      60
gacctccgag ccgcgctggg tccttccctc ccgggaggca agtgggtgat ctgctgactg     120
cgggcagcgg cggcagagga ggaggaggag gccggaggca gcagccgccc ctggcccagc     180
cctcggccag tccctaccct gaagctgtgg agctgcagcg ccggagtctg cccatcttcc     240
aagcgcgggg gcaactgttg gcccagctcc gaaacctgga caacgcggtc ctcatcggtt     300
ggctatacag tgcgctttga tgatgtcacc tcagaagaca ccaggatcaa gtttctgaca     360
gatggcatgc ttctgcgtga agcaatttca gactctttgg ttccgaaata caagtgggtc     420
at      425

```

<210> 2480  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (280)...(704)  
 <223> similar to gi1504006 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2480
cctgccccct tggctgaggg ggccttcttg gctgaggcta gcctcttgaa gctgtcccct      60
gcaaacaccta cttctgaggg tccaaagggtg gtgagcgtag agttgggtga tgggtacaagg     120
ctgaaaggca ctgtgctgcc tgtggccacc atccagaacg ccagtactgc catgctgatg     180
gcagccagtg tggctcgcaa ggctgtgggtg ctgcctgggg ggactgccac cagccctaag     240
atgattgcta agaacgtgct aggcctgggtg cccaagccc tgcctaaggc tgacgggcg     300
gcagggtctg ggactggggg acagaagggtg aatgggtgcct cgggtggatgat ggtgcaacct     360
tcaaagacag ctactggggc aagtacaggg ggcggcacag tgatatcacg gaccaggtcc     420
agcctgggtg aggccttcaa caagatcctc aacagcaaga acctgctccc tgcctatagg     480
ccaaacctga gccaccagc tgaggctggg ctggccctgc ctcccacggg ctaccgctgc     540
ctggagtgtg gggatgcctt ctattggag aagagcctgg cagggcacta tgaccgtcgg     600
agcatgcgca tcgaggtcac ctgcaaccac tgcgcccggc gcctgggtctt cttcaacaag     660
tgcagcctgc tcctgcatgc acgtgaacac aaggacaagg ggc      703

```

<210> 2481  
 <211> 557  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (213)...(560)  
 <223> similar to gi5689561 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2481
ccggacttcc cgggtcgacg atttcgtctg gccgggaacg cacacaacgt caaagcagtg      60
aataagcgat ttctgcagtt cccgtagctg ccagcctgtg cagtcctctg tgatgcttgg      120
ggaccggctc ctcggtcaca ccccagtcct gctctgaagg ttgccgtttt ccaaacagaa      180
ggatggtagc tagaggggag atagcaagat tctggagtct ggaaagcctt cacttggttt      240
cttcagatgg aggtactgag ccctctgcct tagtggatga caacggtagt gaggaggact      300
tcagctatga agacctctgc caggccagcc ctcggtacct gcagcccggc ggggagcagc      360
tggccatcaa tgagctgac agtgatggca acgtggtctg cgcagaagcc ctgtgggacc      420
atgtgaccat ggatgaccag gaactgggct tcaaagccgg ggatgtcatc caggttcttg      480
aagcctccaa caaggactgg tggtagggcc gcagtgaaga taaggaagcc tggttccccg      540
cgagcttcgt cagattg                                     557

```

```

<210> 2482
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(397)
<223> similar to gill176422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2482
gctcccgtct ctgggggaga gctgggtttt catggggcgg cagccgaggc aggaccgcga      60
gccatgaacc gcttcaatgg gctctgcaag gtgtgctcgg agcgccgcta ccgccagatc      120
accatcccgga ggggaaagga cggctttggc ttcaccatct gctgcgactc tccagttcga      180
gtccaggccg tggattccgg gggtcggcg gaacgggcag ggctgcagca gctggacacg      240
gtgctgcagc tgaatgagag gcctgtggag cactggaaat gtgtggagct ggccacagag      300
atccggagct gccccagtga gatcatccta ctggtgtggc gcatgggtccc ccaggtcaag      360
ccaggaccag atggcggggt cctgcgggcg gcctcctgca agtcgacaca tgacctccag      420
tcccccccca acaaacggga gaagaactgc acccatgggg tccaggcacg gcctgaagca      480
gcgccacagc tgccacctgg t                                     501

```

```

<210> 2483
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(145)
<223> similar to gi3687907 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

tttttcttaa aactagattg tatccataaa ttgaccagta tagtcaattt ggatagaact 1500
gaaactttct gtctacctgg taaaactaag tgcctaaaaa catgaactat aaatgtagtt 1560
actaggaact cacaacttat atatactatc cattcaatga tacataggac ccaatgtctt 1620
tgtgtttttg aggttttcct gttactgtgt actttgccat tttacatagt tcactaaaaa 1680
gaaagaagtg ggagaagaag ggggggtctat tcattattct atattatgat tctcttcatt 1740
attctgttct cttcattatt ctattcattt cttcacccat ttattcacta aacagtgaca 1800
tagtacttac ttgatgctag gtattacacc agttttgtgg gctataagag tgaataacaa 1860
gcacgtgacc tt 1872

```

```

<210> 2485
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(712)
<223> similar to gi798832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2485
gggccgacga tttcgtgggc cagcacctgt gtgctccctt gaggccgagc ggggccctga 60
tgggcgtagc tttgttattg ccaccactcg gcagcgcttc ttccagttca taggccgagc 120
agcagagggg gctgagggcc aggggtttctc agggctcttt gcagcttaca cggaccaccc 180
acccccattc cgtgagtttc ccagcaacct gggctacagt gagttggcct tctacacccc 240
caagctgcgc tccgcacccc gggccttcgc ctggatgatg ggggatgggtg tgttgatgg 300
ggcattggac tgtgggcgcc ctgactctct gctgagcgag gagcgagtct gggagtaccc 360
agagggggta gggcatgggg ccagcccacc cctagccatc gtcttgaccc agttccactt 420
catgctgcta ctggcgagcc ggggtggaggc agtgtgcaca ctgaccgggc aggtggtgct 480
gcgggatcac ttcttgaga aatttgggcc gctgaagcac atggatgaagg actcctccac 540
aggccagctg tgggcctaca gtgagcgggc tgtcttccgg taccacgtgc aacgggaggc 600
tcgagatgtc tggcgacact atctggacat gagccgcttc gatctggcca aagagtattg 660
tcgagagcgg accaactgcc tggacacggt cctggcccgg gaggccgatt tctgacgaaa 720
tcgtcgaccc aggaaatcgg 740

```

```

<210> 2486
<211> 1692
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1693)
<223> n = a,t,c or g

<220>

```

<221> misc\_feature  
 <222> (8)...(494)  
 <223> similar to gi4760778 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2486

gtacggctac	acgccccgcg	ccgcctgct	gcccaggaat	actttctcca	ggaaggcttt	60
caagctgaag	aagccctcca	aatactgcag	ctggaaatgt	gctgccctct	ccgccattgc	120
cgcgccctc	ctcttggcta	ttttgctggc	gtatttcata	gcaatgcatc	tgctcggact	180
caattggcaa	ctccagcctg	cagatgggca	cacctttaac	aatgggataa	ggaccggcct	240
accaggaaac	gatgatgtgg	caacaatgcc	atctggaggc	aaagtgccct	ggtcgttgaa	300
aaacagcagc	atagacagtg	gtgaagcaga	agttggtcgg	tgggtaacac	aagaagtcct	360
accaggggtg	ttttggaggt	cacaaattca	catcagtcag	ccccagttct	taaagttcaa	420
catctccctc	gggaaggacg	ctctctttgg	tgtttacata	agaagaggac	ttccaccatc	480
tcatgcccag	tgccattga	ctagtcacat	aggctccact	gggcctcacc	tttcacatgg	540
agctgaaatg	tggaggcaat	gccagggttt	ggctgtcagc	ttgcatagca	catcaaatcg	600
cgctttgcag	aagccctga	tacgaagttt	catttcattt	tggaggaagc	cagatcttta	660
caggcatgtt	tttcagaacc	ttcctttcca	aaggagctcg	agctgtagag	aacgattgtg	720
tgaaccaag	agaaccttgg	tttcttctga	actggactga	aagtgccttt	ggaaaggact	780
ttctggacag	accccttctg	gttagctggt	ggcatcctaa	caggagacag	gaactgaaac	840
tgccatctga	gtcagtgggc	accctcctgg	acagctactg	agcagagcaa	ggagaaatct	900
catggcatgc	ttgagtcctg	aaagagaacc	ggtgtgaagg	gtgcacagga	gggcaccatg	960
gatgttttac	aagaaagaca	aggcttgagt	tcatgggaac	tgagagagaa	gcagcaacag	1020
agaaaacagg	atgagttcag	acgggcagca	ccaaatcaca	tnattagaca	gaggagaggc	1080
ttggagtgtc	gtaatttcag	agtttgcaac	tttctaagca	aagacctttt	tcctcagtga	1140
aatctatata	gacctgata	taaaagacg	aaggatagtt	tggtacctag	agttacaggt	1200
caaatacatg	ttagattata	ggttaaacc	tggtaggtag	ggtgggggta	aaaaacaccc	1260
tgctgtgattg	gcaggaagag	aaggaagaga	tcgagacggg	aaatataaga	ggggggcgct	1320
ataagaatcc	cggggggccc	attctccggc	gggaggaagt	aattttcctt	ctaggggagg	1380
aaataaaaaga	gcgggactgg	ggaagacctt	cttgtggggg	ggtagggggc	acccctcgca	1440
aaatgacggg	aggagataga	tattatgtga	gtgtgtgacg	gctcgtcgtg	gcgcgggaag	1500
tgtgctcgtg	caggaggaag	aaatacaccc	cgggcgcgtg	aagcgtgtga	tcaacgggat	1560
gaaggtgggc	ttaacgatgg	ttgtggtatc	gtgcgagaga	gcgggtgcgc	gatgacgacg	1620
agtcgcgcac	gagacagagt	tggtattgga	aggaggtgaa	tcgtatgagg	tgatggtggg	1680
gacaggtcgg	ga					1692

<210> 2487  
 <211> 959  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (156)...(503)  
 <223> similar to gi2511715 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2487
tttcgtcttg atgctgcgat cccgcagcac cctccagcct tgcagaagca gccaccatgc      60
cagtctctaa gtgccccaaa aagtcggagt ccctgtggaa ggggtgggac cggaaggccc      120
agaggaacgg cctgcggagc caggtatacg ctgtgaatgg cgactactat gtgggcgagt      180
ggaaggacaa cgtgaaacac gggaaaggaa cacaggctctg gaagaagaaa ggagccatct      240
atgaggggga ctggaagttt gggaagcgag acggctacgg caccctcagc cttcctgacc      300
aacagacagg aaagtgcagg agagtctact caggctggtg gaaagggtgat aagaaatcgg      360
gttatgggat ccagtttttc ggaccaagag agtattatga gggtgactgg tgtggcagcc      420
agcgcagcgg gtggggccgc atgtattaca gcaacggcga catctacgag ggacagtggg      480
agaacgacaa gcccaacggg gagggcatgc tgcgcctgag tcaaaatcct agaccctgat      540
ggtgtgctgg cggaggcctt ggccatgttc aggaagacag aggaaggaga ttgatgccag      600
agaacacaaa cgcttcagga gaaattcaag cctgtgtcac ccgatcgctc agaccagtgc      660
ggctctggct ggagagtcga gcagcagctc caggcatgac cccggcacc ccatagggcc      720
cctcactacc cccagcatcg ggctatttct tgccaatagg aaggctggtg cttctctccc      780
aggctgtcct cgggaccctc ttcatctctt gatctcatcc tggaatgcat gagaataaag      840
aataaccaag tgggtataagc ctgggcctat gggataagga tggggcactc gagggggctc      900
agcagggctt tcagggttag aagagggaag acctgccttg gctgggctgc ctgggttta      959

```

```

<210> 2488
<211> 1226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(394)
<223> similar to gi7286 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2488
atccctcggg tcgacgattt cgacagactg ggccaatcat tacctagcca aatccggcca      60
caagcgtctc atcaggggatc tccagcaaga tgtgacagat ggcgtgctcc tggcccagat      120
tatccagggt gtggcaaattg aaaagattga agacatcaat ggctgtccga agaacagatc      180
ccaaatgatt gaaaacatag atgcctgctt gaatttctct gcagctaagg gaataaacat      240
ccaggggctg tctgcagaag agatcaagaa tggaaacctc aaggccattc taggcctctt      300
cttcagcctc tcccgatata agcagcagca gcagcagccc cagaagcagc acctctcctc      360
acctctgccg cccgccgtat cccagggtggc cggggccccc tcccagtgcc aggctggcac      420
ccctcagcaa gccccagggg tgccagtcac tccccaaagg ccgtgccagc ctcaccagcc      480
agcaccacat cagcagtcga aagcacaagg tgaaatgcag tccagacttc caggctctac      540
cgcgagggtg tccgctgcag gcagcgaggc caaaacacgc ggagggtcaa ctactgctaa      600
caaccgacgc agccagagct ttaacaacta tgataaatcc aaaccagtca cctccccacc      660
cccaccgcca agcagccacg agaaagagcc tttggcaagt tcagcctcct cccaccccg      720
aatgagtgac aatgcacctg cttccttgga gagcggcagc agctccaccc ctactaattg      780
cagtacctac tcgggcatac cgcattccgg tgcagccacc aagccttggc gcagcaaadc      840
cctcagcgtg aagcacagtg ccacgggtatc catgctctcg gtcaagcctc ctgggcctga      900
ggccccccag cccacacctg aagccatgaa gccggccccc aacaatcaga agtccatgct      960
ggaaaagctg aaacttttca acagttaaagg gggctcaaag gcagggtgagg ggccgggggtc      1020
ccgggacaca agctgtgagc ggctggagac tctgccagc ttcgaagaga gcgaggagct      1080
ggaggccgcc agtcgcatgc tcaccacgtg gggccctgct tccagcagcc ccaagattgc      1140
actcaagggc attgccaga ggacttttag ccgggcactg accaacaaga agagttctct      1200

```

gaaaggcaat gagaaaggga aagaga

1226

<210> 2489  
<211> 450  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (4)...(160)  
<223> similar to gi3327214 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2489  
cgggagtgtct acgaggcctt cctggacata gtgcgaagcc tgctgaaggg cagcatcgac 60  
cccacacagt acaaggacac cctacgcgag atgttcacca tccatgccta cgtgggcttc 120  
accatggaca agctggtgca gaacattgcg cggcaggtga gccgggccgg ggtggggccg 180  
gccctgagga cggcggaaat ggctctacca tcatttcact ccccgctcgg gagggggccc 240  
gtggtcagca cagcaaacct atcctgtttt ttcttaattg atacaaaatt cgcataacgt 300  
aaaattaacc attttgaagt gtacagtttg gtaacatttg gtacattcac aatattgtgc 360  
aaccaccacc tctgtctagt tccagaacat ttcattcttc caaaaggaga ccccatcccc 420  
atcagcagcc actggccatt cccctgcccc 450

<210> 2490  
<211> 453  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (16)...(454)  
<223> similar to gi558637 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2490  
ggtcgacgat ttgcgccgcc gtcggacgag gagcgggagc cgtgggagcc gtggacgcag 60  
ctgcgcctgt cgggccacct gaagccgctg cactacaatc tgatgctcac cgccttcacg 120  
gagaacttca ccttctccgg ggaggtcaac gtggagatcg cgtgccggaa cgccacccgc 180  
tacgtagtgc tgcacgcttc ccgagtggcg gtggagaaag tgcagctggc cgaggaccgg 240  
gcgttcgggg ctgtccctgt agccggtttt ttctctacc cgcaaaccga ggtcttagtg 300  
gtggtgctga ataggacact ggacgcgcag aggaattaca atctgaagat tatctacaac 360  
gcgctcatcg agaattgagc cctgggcttc ttgcgcagct cctatgtgct ccacggggag 420  
agaagattcc ttgggggttac tcagttttcg cct 453

<210> 2491  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (419)...(781)  
 <223> similar to gi2285790 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2491  
 tttcgtggcg ggcgtccggc tctgaagggc tttagcctta cggagcccg ggccaaacgg 60  
 tgcctgcggt gcctgagctg agtgaggccg aggcggggag gccgtgccc gagtaaggcg 120  
 aaagagaatg aaagacgtag ataacctcaa aagtataaaa gaagaatgag tctctctctg 180  
 tcgccaggct ggagtgcagt ggcatgatct cggctcactg caacctccgc ctcccagggt 240  
 caagcgattc ttctgcctca gcctcctgag tagctgggac tacagggttt gtgaaacagg 300  
 atctgataat caacctcttg gtaataatca acaatcaaatt tgtgaatatt ttgttgatag 360  
 cctttttgag gaagctcaga aggttagttc caaatgtgtg tctcccgtg aacagaagaa 420  
 acaggtagat gtaaatataa aattatggaa aaacggattc accgtcaacg acgatttcag 480  
 aagttattcc gatggtgcc gtcagcagtt tttgaactcc atcaaaaagg gggaattacc 540  
 ttcagaatta caggggaattt ttgataaaga agagggtggac gttaaagttg aagacaagaa 600  
 aaatgaaata tgtttgtcta cgaagcctgt gttccagccc ttttcaggac agggtcacag 660  
 actaggaagt gccacaccaa aaattgtttc taaagcaaag aatattgaag ttgaaaataa 720  
 aaataatttg tctgctgttc cactgaacaa cttggaaccc attactaata tacagatctg 780  
 gg 782

<210> 2492  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(431)  
 <223> similar to gi8615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2492  
 ccgcctgccc caagactgtg tctgccagaa tctgtctgag tcaactgggga ccctgtgccc 60  
 ctccaagggg ctgctctttg taccocctga tattgaccgg cggacagtgg agctgcgcct 120  
 gggcggaac ttcacatcc acatcagccg ccaggacttt gccaacatga cggggctggt 180



```

ggacctgacc ctgtccagga acaccatcag ccacatccag cccttttcct ttctggacct 240
cgagagcctc cgctccctgc atcttgacag caatcggtcg ccaagccttg gggaggacac 300
cctccggggc ctggtcaacc tgcagcacct tatcgtgaac aacaaccagc tgggcggcat 360
cgcagatgag gcttttgagg acttcctgct gacattggag gatctggacc tctcctacaa 420
caacctccat gggcctgccg tgggactccg tggcgacgca tgggttcaac cttccaccag 480
ctgagcctgg accacaacct ggtggatcac atcgctcgag gcacctttgc agacctgcag 540
aaactggccc gcctggatct cacctccaat cggttgcata agctgcccc tgatcccatc 600
tttgcccgtc cccaggett cgttttgaca gacacaccct ttgccccacc cttgtccttt 660
atttttgggg gtaaccact tcaactgcaat tgagagcttc tctggctgcg gaggctcgat 720
cgggacgaaa ccctggaaac ttgtggttct ccagtgggcg tcaagggtct t 771

```

```

<210> 2493
<211> 434
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (434)...(217)
<223> similar to gi3242789 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2493
tttcgtggaa aggtagatac gtatatggag tgaggggaat aggaggattt gtggcattat 60
ctggaacaac cagtctctag atgcagagag gggaggcaca gagcggggag tctagtgtcg 120
ccgggccaaa gccttcaaag gggatatggg cgcagtgtggc atgtctggcc agggctctggt 180
acctttgggt atctggcaca tctgtcacc ctcggggctg agtagatctc cctgaggcga 240
gtggtccagg gccctgctgc ccggatgtgc aggctaagcg tgtcctcatg gggcgagag 300
gtcagtgtga aggggtggt ctcggtgggc cccagagcca ggcaagcgat ccgcacccac 360
tgccctgact tgtactcaaa gccctggngc ccgctggaac cgcaggtggg tcaactcctgg 420
ggaggggatgg tggg 434

```

```

<210> 2494
<211> 578
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (304)...(564)
<223> similar to gi1872200 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2494  
atTTTTgaag agtataggTg tcagatcttt ttcaagaaca tcagaaaatg atcgaatacc 60  
acatacctgt gtcattcaaa gatgtggttg tgggcttcac ccaagaggag tggcaccggc 120  
tgagtccctgc tcagagggcc ctgtaccggg atgtgatgct ggaaacctat agcaacctcg 180  
tctcagtggg ttatgaaggc accaaaccag atgtgatcct cagactggag caggaagaag 240  
caccatggat tggtgaggca gcatgcccg gctgccactg ttgggatgga gtttcaactct 300  
gtcgcccagg ccggagtgc atggcatgat ctcagctcac tgcagcctcc tcctcctggg 360  
ttcaagcgat tctcctgcct cagcctcccg agtagctggg actacaggTg tgtgccacca 420  
cgcccagctt attttctatt tttagtagag actgggtttc atcatgttgTg tcaggctagt 480  
cttgaactcc tgacgtcaga tgatccacct gcctcggcct cccaaaatgc tgggattaca 540  
ggcgtgagcc accgcgcca gcttcaaaat attttcaa 578

<210> 2495  
<211> 846  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (76)...(847)  
<223> similar to gi4589676 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2495  
gaattcccg gtcgacgatt tcgtatgact ttggctgcc a gctggaaga ctttgagctg 60  
acactggagc acctgctcat ggatgtgttt atgacggagg gccgccgatg tcaagtacat 120  
cttcttgatg acaggaagct ggaactccta gtacagccca agctgttggc caaggagctt 180  
cttgaccttg tggcttctca cttcaatctg aaggaaaagg agtactttgg aatagcattc 240  
acagatgaaa cgggacactt aaactggctt cagctagatc gaagagtatt ggaacatgac 300  
ttccctaaaa agtcaggacc cgtgggtttta tacttttTgTg tcaggttcta tatagaaagc 360  
atttcatacc tgaaggataa tgctaccatt gagcttttct ttctgaacgc gaagtccctgc 420  
atctacaagg agcttattga cgttgacagc gaagtggTgTg ttgaattagc ttcctatatt 480  
ttacaggagg caaagggaga tttttctagc aatgaagtTg tgaggagtga cttgaagaag 540  
ctgccagccc ttcccaccca agccctgaag gagcaccctt ccctggccta ctgtgaagac 600  
agagtcatTg agcactacaa gaaactgaac ggtcagacaa gaggtcaagc aatcgtaaac 660  
tacatgagca tcgtggagtc tctcccaacc tacggggTtc actattatgc agtgaaggac 720  
aagcagggca taccatggTg gctgggcctg agctacaaag ggatcttcca gtatgactac 780  
catgataaag tgaagccaag aaagatatTc caatggagac agttggaaaa cctgtactTc 840  
agagaa 846

<210> 2496

<211> 646  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(477)  
 <223> similar to gi5295850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2496  
 gcgagccctg gacctctctg tgcagtatcc tccagagaac ctgagagtga tggtttccca 60  
 agcaaacagg acagtcctgg aaaaccttgg gaacggcacg tctctcccag tactggaggg 120  
 ccaaagcctg tgcctggtct gtgtcacaca cagcagcccc ccagccaggc tgagctggac 180  
 ccagagggga caggttctga gcccctccca gccctcagac cccgggggtcc tggagctgcc 240  
 tcgggttcaa gtggagcacg aaggagagtt cacctgccac gctcggcacc cactgggctc 300  
 ccagcacgtc tctctcagcc tctcctgca ctataagaag ggactcatct caacggcatt 360  
 ctccaacgga gcgtttctgg gaatcggcat cacggctctt cttttcctct gcctggccct 420  
 gatcatcatg aagattctac cgaagagacg gactcagaca gaaaccccgga ggcccagggtt 480  
 ctcccggcac agcacgatcc tggattacat caatgtggtc ccgacggctg gccccctggc 540  
 tcagaagcgg aatcagaaaag ccacacccaaa cagtcctcgg acccctcttc caccagggtgc 600  
 tccctcccca gaatcaaaga agaaccagaa aaagcagtat cagttg 646

<210> 2497  
 <211> 564  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (101)...(473)  
 <223> similar to gi3881040 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2497  
 ttctcgtggg gtatgggcgt gtggtggggc agaaagccta gaccaggtg gtcctgagct 60  
 ggggccacc ctccgagcca tgggtgcccc ctgccagcta ttgacacagc tgcgaagtgc 120  
 ccaggaagag gagaaccggc agctgctggc tgaagttcag gccctgagcc gggagaacag 180  
 ggagctcctg gagcgagcc tggagagtcg ggaccacctg caccggaac agcgggagta 240  
 cctggaccag cttaatgccc tgcgcgcga gaagcagaag ctctgggaga agatcatgga 300  
 ccaataccgc gtgctggagc ctgtgcccc gccccggacc aagaaggga gctggctggc 360  
 agacaagggt aagaggctga tgcggccccg gcgggagggg ggccccctg gggggctgcg 420  
 cctggggggc gatggggctg gcaacaccga aagcctgggg ggcccccccg agacggaact 480  
 ttctgagggc atggaagcaa atgggaacag ggtcccttcc cccgcaacc ttggggcggg 540  
 ccagagttc cttttgcttg cggg 564

<210> 2498  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (33)...(810)  
 <223> similar to gil008988 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2498  
 tcatacaggaa cctcaattct cctgcactgc tggagacag tgtgataaga caagcaaaag 60  
 cagctggaaa aagaatagtc ttttatggag atgaaacctg gggttaaatta ttcccaaagc 120  
 attttgtgga atatgatgga acaacctcat ttttcgtgtc agattacaca gaggtggata 180  
 ataatgtcac gaggcatttg gataaagtat taaaagagg agattgggac atattaatcc 240  
 tccactacct ggggctggac cacattggcc acatttcagg gcccaacagc cccctgattg 300  
 ggcagaagct gagcgagatg gacagcgtgc tgatgaagat ccacacctca ctgcagtcga 360  
 aggagagaga gacgccttta cccaatttgc tggttctttg tggtgaccat ggcattgtctg 420  
 aaacaggaag tcacggggcc tcctccaccg aggaggggaa tacacctctg attttaataca 480  
 gttctgcgtt tgaaaggaaa cccggtgata tccgacatcc aaagcacgtc caacagacgg 540  
 atgtggctgc gacactggcg atagcacttg gcttaccgat tccaaaagac agtgtaggga 600  
 gcctcctatt cccagttgtg gaagggaagac caatgagaga gcagttgaga tttttacatt 660  
 tgaatacagt gcagcttatt aaactgttgc aagagaatgt gccgtcatat gaaaaagatc 720  
 ctggggttga gcagttttaa atgtcaaaaa gattgcattg gaactggatc aaactgtact 780  
 tggaggaaaa gcattcagaa gtcctattca acctgg 816

<210> 2499  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (540)...(731)  
 <223> similar to gi5706479 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2499  
 tttcgtcaca gccctgtcac gaatcccggg cgggttcttg gaggcacagc ctccggggttg 60  
 cgggcccgggt gcggctcggc ggtggaggac tcaacttctg ctccatcccc ggctgggccc 120  
 tggggcgga ctgatgacgc ttgataatgt ggctggggac ttcagggaag agtgggttac 180  
 ctggacactg cttagagaat cctctccagg aatgccaccc agcacagtta gaagaatggg 240  
 ctctcaaagg aatttcagg ctagtgtaa tctcccagcc ggagcagaaa gaagagccat 300



<210> 2501  
<211> 635  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (44)...(286)  
<223> similar to gi4929647 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2501  
tttcgtcggg ggccctgcc ggcgtgtgc ctgctgccct ggagcttaca ctccaggcgg 60  
acgggtccc cagaggcaga gggaggctct gaagggtgtgc gctctttctc ttcttttctc 120  
cacagatata gcaaacggca ccagttcagg ggggtaccgc ccgcctcca gaaccaaaga 180  
agtcatacat aatggccaga ccgtgaaact taaatactgt ttcacctgca agattttccg 240  
gccccctcgc gcctccatt gcagcctttg tgataactgc gtaggcaaat cgggatgggc 300  
aggactgtcc caagagaacc agactgagcc acaaggacct ctgatgggga gtgctggacc 360  
ctgggggtcc cttggccccc agatctcaga ttatggacca tcagagcagg aatgccctag 420  
gggtcttctg accatcactc accttttaga ggcggaaagc caagcaccat cgtgaatatt 480  
acaagcatga atggcagcct catggaaaga accctccagg tgaatctgag catatacagg 540  
ggaacacctg ttctctttac ctcatataac aggcattagt gacagtcacg agacactgca 600  
gtatgtatat ctttttatta ccagatgaga tattg 635

<210> 2502  
<211> 564  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (215)...(563)  
<223> similar to gi798946 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2502  
aattcccggg tcgacgattt cgtggcggcg ccagttggg gcgggttcgt tcgcttcgcg 60  
ttttggccag ggcgggggtc tgggcttttag gcaggtagta tttagtttca caatgtttgg 120  
ggacctgttt gaagaggagt attccactgt gtctaataat cagtatggaa aagggaagaa 180  
attaaagact aaagcttttg agccacctgc tcctagagaa ttcaccaatt taagcggaat 240  
cagaaatcag ggtggaacct gttacctcaa ttcccttctt cagactcttc atttcacacc 300  
tgaattcaga gaagctctat tttctcttgg ccagaagag cttgggtttgt ttgaagataa 360

ggataaacc	gatgcaaagg	ttcgaatcat	ccctttacag	ttacagcgct	tgtttgctca	420
gcttctgctc	ttagaccagg	aagctgcatc	cacagcagac	ctcactgaca	gctttgggtg	480
gaccagtaat	gaggaaatga	ggcaacatga	tgtgcaggaa	ctgaatcgaa	tcctcttcag	540
cgctttggaa	acttctttag	ttgg				564

```

<210> 2503
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (283)...(499)
<223> similar to gi312212 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2503						
gttccgcgt	cgaccacgc	gtccgagcaa	aaccactctt	cctaaaatgt	tagaagctgc	60
tcttcgctta	ccttggggcc	tttgcatagg	gagctgtttt	tcacatcaaa	gaatatgtgc	120
tgaatggaat	tttagtattt	tgctgtcgtt	ttaatatattt	cgtctggtct	tcctcagttc	180
ttccagacgc	tttctgagag	aatgggggca	ggagctctag	ccatctgtca	aagtaaagca	240
gcggttcggc	tgaaagaaga	catgaaaaag	atagtggcag	tgccattaaa	tgaacagaag	300
gattttacct	atcagaagtt	atttgagtc	agtctccaag	aacttgaacg	gcaggggctc	360
accgagaatg	gcattccagc	agtagtgtgg	aatatagtgg	aatatattgac	gcagcatgga	420
cttaccacaag	aagggtctttt	taggggtgaat	ggtaacgtga	aggtggtgga	acaacttcga	480
ctgaagttcg	agagtggg					498

```

<210> 2504
<211> 880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (714)...(847)
<223> similar to gi4097712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2504
cccagtccca cattgagccc tgatcccatc caagtccata gacttggcct ctgaccaaac      60
ctgaccctgc acttgtcact taaggtgggc ccatattcag ctcagaccct gaaccgagct     120
ctgaccctgg cttctgactg aatctgtgac agactaaggc ctgaccctgg ccctatacca     180
cgtctccacc cgtgtccctca actgagtgtc gaccccaaac ctagacagcc ctacctgatc     240
cttccccccag gcctgtcccc gccgcttcac ctcaaaaagt gaaggtgagg agccggtaaa     300
caggtctgga gcctggtctc agactcagcc tgagcaagct cagtctgggg tcattggggc     360
tgtaaccccc ggagggccct tgtaggggat gcaggggtct accctagggg tataagggat     420
ttctgtgccc atcagaactt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     480
nnnnnnnnnn nnnnnnnnnn attttgctgt tagcatatgt gatgaccttg acttcacctc     540
cctggcgcca atatcctctt ctgtaaaatg gcttatgcat tacaaagtga ggtcctgcca     600
gtgactacac ctagaggcat taagtgcctt tgtggactcc tgccctgcac ctcacctctc     660
ccagcttttt aacccctga ggaaccttct taccttgagt cctcaccocg ctacaggcca     720
tccatgagca gatgaactgc aaggagtatc aggaggacct ggccctgcgg gctcagaacg     780
atgcggctgc ccggcgcccg tcagagatgt ttaaggtgag gctggctcag ggtcgtggcc     840
tagcatcttt aagttctggg atccagctct gggtagggag

```

```

<210> 2505
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(434)
<223> similar to gill174187 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2505
gaattcgaga agaccaactg gatagtaatt tccagatgca atcagaaaat ttctgttctt      60
atatcttcac ccatgcaaag accaagaccc tgagagaggg aatccttgtc actggaaacc     120
ggctggggat gctggtggag acctacctgg atgcatcaa cagtggagcg actccttgtc     180
tgagagaatgc aatggcagtt ctggcccagt gtgagaactc agcagccgtg cagagggcag     240
ccaaccacta cagccagcag atggcccagc aagtgaatt cccacagac acactccaag     300
agctgctgga cgtgcatgca gtttgtgaga ggaagccat tgcagtcttc atggagtact     360
cctttaaaga taaaagccag gaatttcaaa agatgcttgt ggacaccatg gagaaaaaga     420
aggaagactt t

```

```

<210> 2506
<211> 1066
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1067)

```



<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (28)...(149)

<223> similar to gi2072784 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2506

tgaccctcgt	aagngcgttg	gaattccctc	acctgtgtgg	tcctcacctt	cctgggccac	60
cgctgtctga	aacggtttct	ggtgccaaag	ctgaggaggt	ttctcaagcc	tcagggccat	120
ccccgcctgc	tgctctgggt	taagaggtga	gtgagctcac	agccccgagg	cagggcaggg	180
gagggcccct	gagctgaggg	gttggctcca	gggttatggc	cagggctgga	ggaggaggaa	240
ggctctgtgt	catggagaac	tctctggcgc	cccagggcag	gagccagtgg	gtggcttcaa	300
acaaagcagc	atctttgttg	tgtttcacca	gttcttagtc	ccagttacag	caggtgactg	360
tggtggacga	aaactggact	caacagtttc	ctccattcag	ggatcccagg	ccatggagca	420
aggagggcc	gaatcagtac	ctccctcaga	tcacctggac	agtgtgagac	aaaaagccgc	480
agggaccatc	cctggagggg	gattcagcag	gctcgatcgg	ggtccagggt	ctggtatttt	540
tcattagcct	ccaggggatt	ctgatgtagc	cagcagcgtc	cttggacaac	agtttgagat	600
ctgctgcttt	tcaaactgga	ttccttggag	cgctggaaat	ctcagcgatg	tcacagggca	660
ggagagggag	gttgtggagg	gaaaattcag	acttcccgcc	cagcccacca	tttcaccagg	720
cagctctaaa	tttatgtgtt	ttataagcca	aggttcacac	aaaaaagaaa	attcgctggg	780
gggaaaaaaaa	cagtttctat	ggcttaaaaa	aaagtctgaa	gaccaccagt	ctatttcaat	840
actctatttt	gttgatgaag	aaagctggtga	ccaaagatac	ccaaagacta	agtcaggggg	900
atgcaggggt	acaggggtgc	ctctcacttt	cccaaagtga	gatccacata	ccacagcaaa	960
atgatttgag	ccagcctgtg	gatgaacaca	tttaaaat	tatttataaa	tacatttact	1020
gttacatttg	acttctcttt	attaaataca	tttgtgattt	ataaaa		1066

<210> 2507

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(597)

<223> similar to gi5924007 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2507

tacggggaat	tcgtcaccta	ccaaggggtg	gctgtgacgc	ggagccggaa	agaaggcatc	60
gcacacaact	acaaaaatga	gacggagtgg	agagcgaaca	tcgacacagt	gatggcgtgg	120
ttcacagagg	aggacctgga	tctggtcaca	ctctacttcg	gggagccgga	ctccacgggc	180
cacaggtacg	gccccgagtc	cccggagagg	agggagatgg	tgcggcaggt	ggaccggacc	240
gtgggctacc	tccgggagag	catcgcgcg	aaccacctca	cagaccgcct	caacctgac	300
atcacatccg	accacggcat	gacgaccgtg	gacaaacggg	ctggcgacct	ggttgaattc	360
cacaagttcc	ccaacttcac	cttcggggac	atcgagtgtg	agctcctgga	ctacggacca	420

```

aacgggatgc tgctccctaa agaagggagg ctggagaagg tgtacgatgc cctcaaggac 480
gccaccccca agctccacgt ctacaagaag gaggcgttcc ccgaggcctt ccactacgcc 540
aacaacccca gggtcacacc cctgctgatg tacagcgacc ttggctacgt catccatggg 600
gtgagtcgcc tgctggaggc accacctcca ggggctccct cccagggctc tgggtcttc 659

```

<210> 2508

<211> 248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(251)

<223> similar to gi3877926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2508

```

ggctggtttc agtttccaag aaaagtgtgt cctacatggt aagcaaggag ggaggtggaa 60
acatctctgt cattgtcctt gggggtgcaa aagaatcact ggatgctcat cctggaaaagt 120
tactctgtt catccgccag cggaaaggat ttgttaaaat tgctttgacc catggcgcct 180
ctctggtccc agtggtttct tttggtgaaa atgaactgtt taaacaaact gacaaccctg 240
aaggagcg 248

```

<210> 2509

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(171)

<223> similar to gil370222 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 2509

```

atctgttatg acaccttgcg cctgtccatc cccctccaccc tgcagcaacc tgggctggct 60
gagttatggt gctttgaagg gagacgggat cctcatcgtc gtcaacacag tgggtgctgc 120
gcttcagacc ctgtatatct tggcatatct gcattactgc cctcggaagg tagaggccct 180
cccttgacc cacctatctg ctgcacgccc tgcccttgctg gcagggcaaa cactatttcc 240
tagaagactg taacagctgg cactgccacc ttttccagga aggcctctcc agccttgtag 300
gtccccttcc tctatgaagc cagccttctg agatgaacac attgccccca tttaggcaag 360
gctggtagct ctgcctagcc tgagatgcct atgctgcctg ccctgggctt cagccaacaa 420
gctaaggggg aagggtttt gtctctgata tttctttcag agg 463

```

**09-07-2016**

<400>	2510						
gacttc	tcgggtcgac	ccacgcgtcc	gcacatataa	cacatcacgc	accttttgag		60
acctt	ggttctcgcc	tttcttttca	agagaccatt	cttcaacaga	actgtaagga		120
ctttgg	ctgaatcaga	tgtgacgc	cccacttctg	cgtttgaggt	ctagcacata		180
ccaag	ggctttgacg	tcacagtga	gcactcacac	ggaagctgga	cgggcttcgg		240
gaagac	ctcgccacca	tcccaaaagg	gttgaatact	tattttcttg	tcaacattgc		300
atTTTT	gaatcaaaga	atTTctTTTT	gcctgggatt	aatTggaatg	gaatacttgg		360
cttat	gccacacttg	ccaagccatc	aagtTctctg	gagaccttct	tc		412

```
<220>
<221> misc_feature
<222> (1)...(379)
<223> n = a,t,c or g
```

<400>	2511						
gacctt	ccctggggcc	agcgtgacca	cgaacaagac	cgtccatctc	aacgtgtcct		60
gtgctg	ggcgggacg	cctgggtccc	tgatggggtg	agcgtcaagc	ctggacactg		120
ctgggt	cccggaatct	gggctggtgg	tggggtcagg	aggacactgg	ctctgccttc		180
cttatg	cggctcctgg	ggacagacag	ggccagtgtc	cccagccctc	acagtgatgc		240
ctccat	gtctttctgt	cccagaccgg	cctcagaact	tgaccatgac	tgtcttccaa		300

```

ggagacggca cagtatccac agtcttggga aatggctcat ctctgtcact cccagagggc 360
cagtctctgc gcctggtn 378

```

```

<210> 2512
<211> 948
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (119)...(839)
<223> similar to gil769467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2512
gggacaggac ccagagccgg ggcaagacct attccagcca gaacgggaag tggatcctag 60
ctggggccga ggccgagagc caagacttgg caagctacgc tttcagaacg atcacctctc 120
cgtgctgaag caggtcaaga aactcgagca ggctttgaag gatgggtcgg cagggctgga 180
tccccagtta ccagggactt gttactcccc aactgccct cctgacaagg cagaggcagg 240
gtccaccctt cctgagaacc tgggaggcgg gagtggctca gaagtcagcc agaggggtcca 300
cccctcggac ctggaaggca gggagccac ccctgagctt gtggaggaca ggaaagggttc 360
atgcagaagg ccctgggacc ggagccttga gaacgtgtat aggggctcgg agggttcccc 420
caciaagccc ttcatacaacc ctctgccaaa acccgggaga acgttcaaac atgccggaga 480
aggggacaaa gatgggaagc ctggcatcgg cttcaggaaa gagaaaagaa atctgcctcc 540
tctgccctct ctacctcccc cgcctctgcc ctctctctcc ccaccttcct ctgtgaacag 600
aagactgtgg accgggagac agaaatccag tgcagaccac agaaagtcct atgagtttga 660
agatttactg cagtcttcct ctgagagcag caggggtggac tggtagcgcg agactaagct 720
gggctgaca cgcactttat cggaggagaa cgtctatgaa gacattctag atccgccaat 780
gaaggagAAC ccttatgagg acatcgagtt acatggtcgc tgcctgggaa agaagtgtgt 840
cttgaatttt cctgcttctc ccacctcttc catccctgac aactcacca agcagtcatt 900
gtccaaacct gcttttttcc gacaaaattc agagaggagg aatgtatt 948

```

```

<210> 2513
<211> 534
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (32)...(536)
<223> similar to gi4176448 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2513
gggaaaccct tgtcccaaaa gcccatgtgt acagcaaaag caaatgaccc ggagtcagca      60
gatggatgaa ctctgggacg tgcttattga aagcggagaa atgccagcag acgctagaga      120
ggatcactca tgtcttcaaa aagtcccaaa gataaccaga tcttcccgaa gtccaactgc      180
tgtcctcacc aagccctcgg ctctctttga acaagcctct tcaggcagcc agatcccctt      240
tgatccctat gccaccgaca gtgatgagca tcttgaagtc ttattaaatt cccagagccc      300
cctaggaaaag atgagtgatg tcacccttct aaaaattggg agcgaagagc ctcaactttga      360
tgggataatg gatggattct ctgggaaggc tgcagaagac ctcttcaatg cacatgagat      420
cttgccaggc cccctctctc caatgcagac acagttttca ccctcttctg tggacagcaa      480
tgggctgcag ttaagcttca ctgaatctcc ctgggaaacc atggagtggc tggg          534

```

```

<210> 2514
<211> 582
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(583)
<223> similar to gi3451308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2514
atgtcagtga gacttccacc catcacaag tttgcagcag aggaagctcg tgaaagtgc      60
tgggatggta tcattgcttg ccatcaaggt aagctatctt gctcaacctg gaattatcag      120
aaatctacaa taggcgctta ctttctcaag ccaaaagagt tgaagaaaga tgacataact      180
gcaacagcag tggatataac ttcttggtga aactttgctg taattggcct ctcatcagga      240
actgtagatg tatataacat gcagtctggc atacatcgag gaagtttttg caaggatcaa      300
gctcacaagg gatctgttag aggtgtcgca gtggatggat taaaccagtt gacagttaca      360
actggtagtg aaggattact caaattctgg aactttaaaa acaaaatttt aatccattct      420
gtgagcctca gttcatctac aaatatcatg ttgctacata tggacagcgg cattctggga      480
ctgccttggt atgacttctc cattattggt ctggacatag aaactatgaa gattgtcaga      540
gagttttctg gacaccaagg cccaataaat gacatggctt tt          582

```

```

<210> 2515
<211> 942
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(935)
<223> similar to gil906596 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (7)...(542)  
 <223> similar to gi499686 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2517  
 cctgacccct gcctgaatgg aggctcttgt gttgacctag tggggaatta cacctgcttg 60  
 tgtgccgagc ccttcaaggg acttcgctgt gagacaggag accatccagt gccagacgcc 120  
 tgctctcggg ccccttgcca caatgggggc acctgtgtgg atgcggacca gggctacgtg 180  
 tgcgagtacc ccgaaggctt catgggcctg gactgcaggg agagagtccc cgatgactgt 240  
 gagtgccgca acggaggcag atgcctgggc gccaacacca ccctctgcca gtgccccctg 300  
 ggattctttg ggcttctctg tgaatttgaa atcacagcca tgccctgcaa catgaacaca 360  
 cagtgtccag atgggggcta ctgcatggag cacggcggga gctacctctg ccagtgtccc 420  
 ctgggattct ttgggcttct ctgtgaattt gaaatcacag ccatgccctg caacatgaac 480  
 acacagtgcc cagatggggg ctactgcatg gagcacggcg ggagctacct ctgcgtctgc 540  
 cacaccgacc acaatgccag ccactccctg ccatcaccct gcgactcgga cccctcctcg 600  
 tgccaagctt ggcgtaatga ga 622

<210> 2518  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(426)  
 <223> similar to gi5420315 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2518  
 atacgccaaag cttggcacga ggcccggagc cagggaccac ccgtgacgtg ctggagaccc 60  
 cagtcgacct ggccggattt cctgtgctgc tgagcgacac ggctgggttg cgggaggcg 120  
 tggggcccggt ggagcaggag ggcgtgcggc gcgcccggga gaggctagag caggctgacc 180  
 tcattctggc catgctggat gcttctgacc tggcctctcc ctccagttgc aacttcctgg 240  
 ccaccgtcgt agcctctgtg ggagcccaga gcccagtgga cagcagccag cgcctcctcc 300  
 tgggtgctgaa caagtgcggac ctgctgtccc cggaggggccc aggtcccggg cctgacctgc 360  
 ccccgacct gctgctgtcc tgtctgacgg gagaggggct ggacggcctc ctggaggcgc 420  
 tgagga 426

<210> 2519  
 <211> 527  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(530)  
 <223> similar to gi2905832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2519  
 ttagtccagt gcggtggaat tcgttactgt ttggagtttg tttttttcat gcccttgtgc 60  
 aagagagaaa gaaattttgt cctcttggtt ggaatattcc atatggattt aatgaatctg 120  
 acttgcgcat cagtatccga caactgcagt tatttatcaa tgaatatgat acaattccat 180  
 ttgaagctat atcttacctg actggggagt gtaattatgg aggaagagtg acagacgatt 240  
 gggacagacg tcttctatta accatgctgg ctgactttta taatctgtac atagttgaaa 300  
 accctcatta taagttttct ccagtgga aactattttgc acctcctaaa ggcacttatg 360  
 aggactacat tgaattcatt aagaaacttc catttactca acaccctgag atatttggat 420  
 tacatgaaaa cgttgacatc tccaaggatc ttcaacaaac aaaaaccctc tttgagtcct 480  
 tgctcctcac ccagggagggc ttcaaacaga caggagcctc aggaagg 527

<210> 2520  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(224)  
 <223> similar to gi5912186 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2520  
 atgtgtcaac actttttgga gctacatctg caagtgtcat aaaggcttcg atctcatgta 60  
 tattggaggc aaatatcaat gtcatgacat agacgaatgc tcacttggtc agtatcagtg 120  
 cagcagcttt gctcgatgtt ataacgtacg tgggtcctac aagtgcaa atgtaaagaagg 180  
 ataccagggg gatggactga cttgtgtgta tatcccaaaa gttatgattg aaccttcagg 240  
 tccaattcat gtaccaaagg gaaatggtag catttttaaag ggtgacacag gaaataataa 300  
 ttggattcct gatgttggaa gtacttgggt gcctccgaag acaccatata ttcctcctat 360  
 cattaccaac aggcctactt ctaagccaac aacaagacct acaccaaagc caacaccaat 420  
 tctactcca ccaccaccac cacgaattcc accgca 456





```

atcttagagc taaagatgaa aaaatgatcc ctggttaccc tcaggcaaag ttgtatccag 360
gaaaatcatt gttgagaaga ttgctcacgt ctggcatcgt gattcagggtg tttccactgc 420
atgacagtga agccctgaag aagcttgagg acacctggta cactcgggtt gctttgaagt 480
atcagcccat agacagtatt cgtggctact ttggggaaac aattgctctg tactttggat 540
ttttggagta tttcactttt gcattaatcc ccatggctgt cattgggtta ccttactact 600
tggttggtg ggaagactat gacaagtacg tgatctttgc ctcgttcaac ctcatctggt 660
ccacggtgat tctggaactg tggaagcgtg gctgtgccaa catgacctac aggtggggga 720
cactgctcat gaagagaaaag tttgaggagc cccggccagg atttcatggt gtcttgacc 780
tctttcctgg ttctcttttg caatacatta acagaccctt tatcaacata aacaatagta 840
actgagctat taaaggcaac ctctctgaaa aaaaaaaaaa 879

```

```

<210> 2523
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(219)
<223> similar to gi339709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2523
gaattaagag ttactccggg ccaaattggcc ggagttgtca gatctggcag cgtcttcgct 60
ggggctccag ggagctgctg ctgggggtgga agctctcaca ctctttctcc acgtgccctt 120
tccagttccc tgacatcgtg gagttctgag aggccatggc caacgccggg aagaccgtaa 180
ttgtggctgc actggatggg accttccaga ggaaggtaag gcgtctgata caggctctga 240
gctgggattg aggagggcaa gaggtctctg gatgggcaca gagacaccag ctctgggtga 300
ccagggtcga gccaccacag gggtacggcc gagctgctca ggccttggct gagccaaggg 360
actccatggt ctgtgcagac tgcgtgccat ctgttgccgc aggtgctttg aattggcaaa 420
gggacagagc cgggcatggt gctctggggg ttgggggaag gactaagggtc agagcaaact 480
ctcctggctt cagtacttgt gaatcagagg gtttaaaaga aa 522

```

```

<210> 2524
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (53)...(715)
<223> similar to gi47370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2524
cttgtcttca tacatgtttt gttcttagag cttaaattatt gaaggcctcc catccaaggg      60
ccctatacca ccctggttgt tggatataaa gtacctgtca ccattgttgc tggcttatga      120
agatatgatg aaagagaagg acgagctcaa tgccaccctc aaggaggaaa tgagaatggt      180
taggatgcga gccaagaag tggtgaaaga aaatgaagaa ttgcaccaag agttaaataa      240
gagtagtgct gttaccagtg aggaatggcg tcagcttcag actcaagcaa aactggtttt      300
agaggaaaac aagttgttgc tggagcagtt ggagattcag caaaggaaaag ccaaggacag      360
ccaccaggag cgcctccaag aagtttctaa gctgactaaa caactaatgc tcctggaggc      420
aaaaacccac ggccaggaaa aggagctggc ggagaacagg gaacagctgg agattttacg      480
tgccaaatgc caagaactca aaacacactc ggatggcaaa atcgcagtgg aagttcataa      540
atcaattgtg aatgaattaa aaagccaatt acagaaggaa gaagagaaaag aaagggctga      600
gatggaggag ttgatggaga agctgacagt cctgcaagcg cagaagagcc tgctgttaga      660
gaagaacagt ttgacagagc aaaacaaagc actggaagcc gaacttgaac gagcaatgta      720
tt                                                                    722

```

<210> 2525  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (16)...(350)  
 <223> similar to gi349301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2525  
 tgaattcggg ctgtccctgg gcgggacccc cacctcagag cctgcaggcc ggctcccact 60  
 cctgcagccc tctgtcctgc tttcaggtgg gcctgtccac gtccccctct gtccttaact 120  
 ccattagacc ttggctcacg tggacagcaa tggagttggg ggaagggccc tgaaggcagc 180  
 cccaggcctg actgtgggccc tccagctaca ggcatttgtg tttgggcacc agctacccca 240  
 catcccagcc ggtcatctct gggcataaac cccaccccc cagaaaggag gcttcctgtc 300  
 cctcttgggc accagctcag ccaaaagcca gaaagctgct ctggagcata acctgacccc 360  
 cccacggcga ggcagggcag tcttctcctg gctggcactg ctctggtcat agaattgatc 420  
 cttcatccac ctttacccca aacaagaggt gtctccctgg gtgaggacaa agtggggagg 480  
 gcaacagggc tggggcttag agcccctcca ccagccatcc agggctgcct tctcagctcc 540  
 tcccagcgca gcaccgggtgc cacttttagta tttagtaggc cacccccggg acctccatca 600  
 ccacagtgca gaactggaag ccacaatgct ttgaatagtc gacgcctgtg cctcctggga 660  
 ggtctctggt caccctgtg gagagtgagt gagaggagag tgtgttctt 709

<210> 2526  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (19)...(428)  
 <223> similar to gi6002669 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2526  
 cccggctcga gccgggataa cttattagat aatcatcgaa gacaaaaata cctggaaaaa 60  
 atatgggtta ttactgagga aatgtacgag tattccaagg tccgctcatg gggcaaacag 120  
 cttctccata accaccaagc cactaatatg atagcattac tcacaggggc cttggtgact 180  
 ggagtagata aaggatctaa agcaaataa tggaaacagg ctgtagtgga tgtcatggaa 240  
 aagacaatgt ttctattgaa tcatattgtt gatggttctt tggatgaagg tgtggcctat 300  
 ggaagctaca cagctaaatc cgtcacacag tatgtttttc tggcccagcg ccattttaat 360  
 atcaacaact tggataataa ctgggttaaag atgcactttt gggttctatta tgccaccctt 420  
 ttacctg 427

<210> 2527  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(385)  
 <223> similar to gi3392917 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2527  
 atttcagaat atgacctgtg agctccatct gacttgctct gtggaggatg cagatgacaa 60  
 tgtctcattc agatgggagg ccttgggaaa cacactttca agtcagccaa acctcactgt 120  
 ctctggggac cccaggattt ccagtgaaca ggactacacc tgcatagcag agaattgctgt 180  
 cagtaattta tccttctctg tctctgcca gaagctttgc gaagatgtta aaattcaata 240  
 tacagatacc aaaatgattc tgtttatggg ttctgggata tgcatagtct tcgggttcat 300  
 catactgctg ttacttggtt tgaggaaaag aagagattcc ctatctttgt ctactcagcg 360  
 aacacagggc cccgcagagt ccgcaaggaa cctagagtat gtttcagtgt ctccaacgaa 420  
 caacactgtg tatgcttcag tcactc 446

<210> 2528  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(865)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (36)...(777)  
 <223> similar to gi4895145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2528  
 cagtggcggt ccgagatgaa tgctactggc gccacgtctt ctgggaccag gacctctgga 60  
 tgctcctttt tattttgatg tgccaccag aaaccgccag ggccaggctg gagtaccgca 120  
 tccgcacgct ggacggggcc ctggagaacg cccagaacct gggctaccag ggagccaagt 180  
 ttgcctggga gagtgcagac tccggcctag aggtttgccc tgaggacatt tacggagtcc 240

```

aggaggtcca cgtaacggg gccgtgggt tggccttcga gctgtactac cataccaccc 300
aggacctgca gctatttcga gaggtgtgtg gctgggacgt ggtaggggct gtggccgagt 360
tttgggtgag tcgtgttgag tggagcccca gggaggaaaa gtaccacctg aggggagtca 420
tgtccccga cgagtaccac tcaggggtca acaactctgt gtacaccaac gtcctgtgtcc 480
agaacagcct gcgctttgct gctgccctgg cccaggacct gggctctccc atccccagcc 540
agtggctggc ggtggctgac aagatcaagg taccctttga cgtggagcag aacttccacc 600
cggagttcga tgggtatgag cctggagagg tggatgaagca ggcagacgtc gtgctcctgg 660
gatacccagt ccccttctcc ctgagtcctg atgttcgcag gaaaaatctg gagatttacg 720
aggctgtgac gtccccccag ggccccgcca tgacctggag catgtttgct gtgggctgga 780
tggagctgaa ggacgcagtg cgggcccggn gcctcctgga caggagcttt gccaacatgg 840
ctgaaccctt caaggtgtgg acgg

```

```

<210> 2529
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(642)
<223> similar to gi5901808 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2529
tgtggtagca gttgaatatg ccctgtcgaa ttaccttttt gcagctgttg gaaaccctaa 60
ggacttgttt gaggtttgtt tgatggctca ggatttggac acagctgcct cttaccttat 120
tatcttacag aatatggaag tccctgcagt aagtaggcaa catgctaccc ttctattcaa 180
cacagcacta gaacaaggca agtgggacct ttgtcgacac atgattcgat ttcttaaagc 240
cattggctct ggagaatctg agacacctcc atccacaccc acagctcagg aaccctggtc 300
aagtgggtgga tttgagttct tcaggaatcg aagcatcagt ttatcccagt cagctgaaaa 360
tgttcctgcc agtaaattca gtttacagaa aacactaagt atgccatctg gtccctctgg 420
aaaaagatgg agcaaagaca gtgactgtgc tgagaacatg tatattgaca tgatgctctg 480
gagacatgct cggcgccctct tagaagatgt gaggttaaag gaccttggct gctttgcagc 540
ccagctgggc tttgaactaa ttagttggct atgcaaggaa cgtacccgag ccgcccgggt 600
agacaacttt gtaatagccc tgaagagact ccacaaagat 640

```

```

<210> 2530
<211> 449
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (175)...(450)
<223> similar to gi6010763 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 2532
tggcctcaag agcaggtaga ctcaagggtg gggcactctc cctgtcctct ctcccctttg      60
ccacgcatgc tgccagggtt tccccagac  cagaggaatg gagacaagga gtttgtgatc      120
cgcagagcag ccaccaatcg tgtcttgaac gtgctccgcc actgggtgtc caagcactct      180
caggtgggtg ggagccctcc ctgggcaggc tgctggggac caccaggcaa tggccccagg      240
aaccagctgc cttccaaaag cagctgcggg cagagtgagc tgatggctgg cagtggggca      300
gcagaaggga gggagctcaa atgtgccacc ctgatgttcc cggaggactg ctcagattcc      360
ctaggaggga acaaaggaca tggaaggac  aatgggtctc tgtctatcca ccctgcctgt      420
agcaggggta caggaattcc tccgca                                     446

```

```

<210> 2533
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (257)...(436)
<223> similar to gi4589614 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2533
cccttgatga ccatctagtc agtgcggtgg aattcccatg acagacgtat ctgactggtc      60
atgtggtcag caagcctcgc ctttgggtcag gccctggagg gtacagctga cccatagggc      120
cacttccatg gcactgggca agtggctgta ttggaaatga agtcggttgc cccgatttct      180
ttggggccag gttgagcttt cctgcccaga gcacggaggc taaagggggg gggcttttga      240
ctggattggg gctgacctca gcctacacct gcaggaggag gtggagacag aggtggcctg      300
ggaggaatgt gggcacgtcc tactgtcact gtgctacagc tctcagcagg gtggcttgc      360
ggtaggtgtg ctgcgtgcg cccacctggc ccccatggat gccaatgggt actcggaccc      420
cttcgtgcgc ctgtgagtga actggggtag gcaggcggga ggtgaggata aggcggtgac      480
tcctcacctc tccaggg                                     497

```

```

<210> 2534
<211> 568
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(149)
<223> similar to gi3282205 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 2534
cagcgtgacg aggaggagcc ggacggcgtc ccagagaagg gcatgagctc gggccccagt    60
gccaggaaaag gcaaggggca gatcgagaag aggaagctgc gggagaagcg gcgctccacc    120
ggcgtggtca acatccctgc cgcagagagg taaagagttc agaagtaaga taaaagaaga    180
ccaaagacaa actacttcag ggctatttcg tgaagcagaa acagcacttc atcaggtggc    240
ttttgcggga ggaagcactg ttaatgccct taggcgtaag ggtaaatgat tcaacttact    300
taaggaaata cattttcttc taacttgaaa cattaataaac aaaaaatatc tacaaacttt    360
tactatagaa agatcaaata tggccagcac tttgggaggg tgaggtgggc agatcacctg    420
aggtcggggg ttctagacca gcctgaccaa catggagaaa cctgtctct actaaaaata    480
caaaattagc caggcgtggt ggcacatgcc tgtaatccca ggtactcaag aggctgaggg    540
aagagaatca cttgaacccg ggggacag

```

```

<210> 2535
<211> 840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (288)...(492)
<223> similar to gi3184264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2535
ctcgtgtggt ggaattcgaa gccttcaaca tggactctgc ctactcagaa caagctgcgg    60
tgctcctgca gaggagcagg ccatcccggg gaggcacctc tgcttggggc aagtgttccc    120
tgccgaagtt taccgtcccc aaaggcagac ttggcgtgac gaggatagga gacttgtccc    180
tgcaggatat gaggaaggta ctttctctgg ccctcataga gctgaccgcg ctctgtgaca    240
tcctcgggctt ggacctgaag aggagcaagg cggggaagtg gaaagcggca gaaactcgcc    300
tctttggtgt gcccccttgac agcctgctag aagctgacca caaagtcctc cccagcacac    360
aggtcccgtt ggtccttcaa gccctgctgt cctgtttgga aaagagagga ctggacatgg    420
aaggcattct cagggtgccc ggatcccagg ccagggtcaa gggtcatccg gaagctgccg    480
acacctttgc tcacggtgta gtacctcccg gccttcgccg tgggtgcctaa catccccaac    540
ctgaagcagc gcctgcaggt tcttcacctg ctcatcctca tcctcccaga acccaacaga    600
aatgccttaa aggcactgct ggaattcctc aggaaggtgg tggcccggga acagcacaac    660
aagatgactc tgaggaatgt ttccaccgtg atggccccta acctctttct gcaccaaggg    720
cggcccccca agctcccaa aggcaaggag aagcagctgg cagaaggggc agccgaggtg    780
gtgcagataa tgggtgcacta ccaggatctg ctgtggacgg tcgcctcttt cctggtcgcc    840

```

```

<210> 2536
<211> 428
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (11)...(427)  
 <223> similar to gi2088685 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2536  
 tgggtggaatt ctcgccatgg aatatgcacc aggcggcact ctggctgagt tcatccaaaa 60  
 gcgctgtaat tccctgctgg aggaggagac catcctgcac ttcttcgtgc agatcctgct 120  
 tgcactgcat catgtgcaca cccacctcat cctgcaccga gacctcaaga cccagaacat 180  
 cctgcttgac aaacaccgca tggtcgtcaa gatcggtgat ttcggcatct ccaagatcct 240  
 tagcagcaag agcaaggcct acacgggtggg gggtagccca tgctatatct cccctgagct 300  
 gtgtgagggc aagccctaca accagaagag tgacatctgg gccctgggct gtgtcctcta 360  
 cgagctggcc agcctcaaga gggctttcga ggctgcgaac ttgccagcac tgggtgctgaa 420  
 gatcatgg 428

<210> 2537  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (54)...(316)  
 <223> similar to gi306782 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2537  
 ttagaccagc gtggtggaat tcggagaggg tgctacagaa ggagaggctg ctggagcagg 60  
 aggagaggct gcaaaggcag gaggagaggg tgaggggaaca ggaagagagg ctgtgggagc 120  
 aggagcagag gctgagggag caggaggaga ggctgctgga actggagcag aaagccaagc 180  
 tctgggacga gcaggcagag acacacatgc aaaccatgcg gaatgactgc accaccatca 240  
 gccacatgct ctgcgagaac cagcagcttg ataagcagct gggcgagcca cagtacgact 300  
 tccaggagct ggtgggttgc cccacctggg gagcctgctt tcctccctag cctccaggc 360  
 ctttgtttcc ccacctgtaa aatgggcata tgtagccctc acgtgaaatg gtactttctaa 420  
 aggaacctgt gagccagagc cctgctct 448

<210> 2538  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (32)...(428)  
 <223> similar to gil41852 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2538  
 cattctggtg gaattcccga agacagagga ggctcgaccc tcacccgccc caggaccagg 60  
 gacccccacc gtgaccacct ccaggacccc ttccagaacg gctcctggtg ccctgaccgc 120  
 caaacccccg cttgccccca agccgggaac cacagtggcc tcaggagtga ctgcacggag 180  
 tgcatacagga caagtgacag gtgggcatgg agctgccgca gcaacatcag catcagcagg 240  
 acaggctcct gaggacccct caggccctgg cacaggcccc tctgggactt gtgaggctcc 300  
 ggtagctgtc gtgaccgtga cccagctccc ggagcctgct gaaaactctc aagacctggg 360  
 ctccacgtcc agcctgggac ctggcatctc tgggcctcga gggcaggccc cggacacgct 420  
 gagttacttg gactccgctg agcctcatgt ctgggacctt ggagtccttg gcggatgatg 480  
 tgagctccat gggct 495

<210> 2539  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (518)...(637)  
 <223> similar to gi3212997 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2539  
 tgaagacccc tgaacagcgt ggtggaattc tttatggata cttgtctctc aggggcaatt 60  
 aggtggaaca tgcgtgacca gcttttacac atgaggaaat ggaggctcac agaggcagaa 120  
 tactaagca actcccctta aagtcaccca cccagggtgga gctggaattt gagcctaagc 180  
 agccaggctg ccctgggcag cgggtgggtga cagggtggca gagagcagggt ttttgtctgt 240  
 ctgggtctta ccccttttagc cccatagtca ggcagggtgga ctcgtgaagc tgtgggcagc 300  
 tttatcctct gaggcggtgg gtctcaagtg tccagctcac ctggcactca gctgtggggc 360  
 tcgtgactgc agcttaggac tagaccctca tccttcctgg ggtcagtgtt tagtggccaa 420  
 ggctggggga tgctgaggaa gactgggggc ccaggctggg aggcagaagg ggaaggctct 480  
 tcttcttggt gtccacttgc ctgtgtcact gccctgcag gtggtggagt tgcccgtgac 540  
 agagcgccag attgagcgcg aacacctcat tcagctgcgg cgctggcagg agaccggggg 600  
 tgagctgcag tgccgctccc cgcccaggct gcatg 635

<210> 2540  
 <211> 1267

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (414)...(694)  
 <223> similar to gi1871531 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2540  
 aagcgcggtg gaattcgtct ctggctcaac tcagtgggat cattagactc atgtcttaca 60  
 gcctggtgac atttccatgc ttttaagccg agtgggtctgt tcagtgacca cagtactgca 120  
 acacctgccca accagtgtct gaaaatagtg gctcatgtat tttgtccagt ttctagttgc 180  
 ttacagtggg agggatatct ggactgtatt tcccctgcat ggtcagcagc gcacctccat 240  
 tgagtctgca tgtgtttaat ctgatggctc tgttggctgg cgtctgttat aggttataag 300  
 tatagctgcc tgtgcttcca ccacgagcac ctgggggtgc ttgtggcatg attgagctag 360  
 ctctgaagct gactccctct tctcactccc tgccttttct cccttacctt ttgcagaaaa 420  
 ggggtgagcg gtactgggcc caggagcagg agccactgca gactgggctt ttctgcatca 480  
 ctctgataaa ggagaagtgg ctgaatgagg acatcatgct caggaccctc aaggtcacat 540  
 tccagaagga gtcccgttct gtgtaccagc tacagtatat gtcctggcca gaccgtgggg 600  
 tccccagcag tcctgaccac atgctcgcca tgggtggagga agcccgtcgc ctccagggat 660  
 ctggccctga acccctctgt gtccactgca ggttttgaa atgggcttca ggagggtctg 720  
 gtgaggcaga ggggacagag catggagggg agtacagggc atggggctag tctttagtagc 780  
 tgagtgccta ttttgagaac ccttgctcac cctccatgga ctgtaattgt gagcacttgt 840  
 tcagcacaga ctgagctggg gaataagcac acagctcttg ctcaacaaaa tgtaagtgat 900  
 taaaaaggtt ttccttgttc agatataatc tgaagattct gggaaatcaag aggctctgca 960  
 ggggatccat caggaccctc acccccatcc ccaaagtcgc catctaaaag gggttgtggt 1020  
 caggacctga ccaggcacac tctgattctc ttgtcagtg cgggttggtgg cgaacaggcg 1080  
 tcctgtgcac cgtggattat gtgaggcagc tgctcctgac ccaggtagca tacaggcatc 1140  
 ctgtgtgtgc agtgtgtgc ccacgaccac gtgtcctgct caagtgcctt gtctgtctgc 1200  
 ccagatgat cccacctgac tttcagtctc tttgatgtgg tccttaagat gagggaagca 1260  
 gcggcct 1267

<210> 2541  
 <211> 647  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (15)...(650)  
 <223> similar to gi5441615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2541  
 tgcggaattc cagatgcact aaatgtgaga aggtctgcaa tcggcattca tcccttattc 60  
 aacatcagaa agttcatata aagaaaaaga aactatttga gtgtaaggaa tgtgggaaga 120

tggttttctgg aactgcaaac cttaaaatac atcagaatat tcattctgaa gagaaacctt 180  
 tcaaattgcaa taaatgtagt aaagttttcg gccgccaatc atttcttatt gaacatcaaa 240  
 gaattcatac tggagaaaaa ccctaccagt gtgaggaatg tggaaaagcc ttcagccacc 300  
 gaatatctct cacacgacat aagagaattc atactgaaga tagaccctat gaatgtgatc 360  
 agtgtgggaa ggccttcagc cagagtgcac acctcgccca acatgaaaga attcacactg 420  
 gagagaagcc atatacatgc aaaacatgtg gtaaggcctt tagtcagcgc acatctctta 480  
 ttctacatga aagaagtcac actggagaga aaccctatga atgtaatgaa tgtgggaagg 540  
 catttagcag tggctcagac cttattcgac atcagagaag tcattcttca gagaaaccct 600  
 atgaatgtag taaatgtggg aaggcatata gtcggagtcc atccctg 647

<210> 2542  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (213)...(743)  
 <223> similar to gi2443331 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 2542  
 cgagtgcgct ggaattccaa gatgggaggg cgagggggcc ataccgggtg gtcgggggtg 60  
 gcctgaaggg gctatgacca gctgctgccc tggctactgc ctttgtggct tctaccggtc 120  
 tgggcctgct cccagaagg ctgtacactg ggaggagctg ccaggaggtt gtgcctggtg 180  
 tctggcctga cctctgagt ctgcggttcc ccaggatgcg ggaagtggag ctgggctggg 240  
 ggaagggtgt gctggtgaag gacaatgggg agttccacgc cctgggccat aagtgtccgc 300  
 actacggcgc acccctgggt aaaggcggtc tgtcccgtgg tcgggtgctg tgccctggc 360  
 acggcgctg cttcaacatc agcactgggg acctggagga cttccctggc ctggacagt 420  
 tacacaagtt ccaggtgaag attgagaagg agaagggtgta cgtcggggcc agcaagcagg 480  
 ccctacagct gcagcgaagg accaaggtga tggccaagt tatctctcca agtgctgggt 540  
 acagcagtag caccaatgtg ctcattgtgg gtgcaggtgc agctggcctg gtgtgtgcag 600  
 agacactgcg gcaggagggc ttctccgacc ggatcgctct gtgcacgcta gaccggcacc 660  
 ttccctacga ccgtcccaag ctcagcaagt ccctggacac acagcctgag cagctggccc 720  
 tgaggcccaa ggagtttttc cgagcc 746

<210> 2543  
 <211> 1221  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (250)...(754)  
 <223> similar to gi632549 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 2543
gggtggaatt cgggcagcct ggcctgggt accgaggctg ctgcgcggcg gacagcgggc 60
gcgatgtatc tccgcagggc ggtctccaag actctggcgc tgccgctgag ggcgcccccc 120
aaccgccgcg cgctcggaaa ggacgcatct ctgcgcggga tgcatctaa cagattccct 180
ggatcatctg gatcaaata gatttattat ctggtttag ggcgcacagt cagtgtcgg 240
ggatattatg cttacaagac agtcacatca gaccaagcca aacacacaga acataaaaca 300
aatgtgaaag aaaaaacaaa agcagagata catccatttc aaggtgaaaa ggagaatgtt 360
gcggaaactg agaaagcaag ttcagaagcc ccagaagaac ttatagtga agctgaggtg 420
gtagatgctg aagaaagtcc cagtgtctaca gttgtggtca taaaagaggc atctgcctgt 480
ccaggtcacg tggaggctgc tccggagacc acagcagtca gtgctgaaac cgggccagag 540
gtcacagatg cagcggcgag ggaaaccacg gaagtaaacc ctgaaacaac cccagagggt 600
acaaatgctg ccctggatga agctgtcacc atcgataatg ataaagatac aacaaagaac 660
gaaacctctg atgaatatgc tgaactagaa gaagaaaatt ctccagctga gtcagagtcc 720
tctgctggag atgatttaca ggaggaagcc agtgttggct ctgaggctgc ttcggctcaa 780
ggctaattct cagccggtag acatttcagc aacaaatgcc atagggtgtc tgataagtgc 840
ttttgtgttt ttagtacct tagtttaaaa aaaaaaagac ttattttcta gaaaacgtta 900
atgggtcttg aagatttttg gcatccactg atagatttta ggactgagag acttgagatt 960
gtacatttct tactactctt ctactgtctg agatcagaat atgacattgc agtaagagc 1020
ttaaatagtt tcatctttgg ttttttttcc tagacacttt tcttttatcc cagtcattct 1080
tgaatttaca ttttatatta aagaaattga gctatccata caacctgtat ttactttaat 1140
ttcactactg tttcagctta ctttattgta tgatatgtag gtctaaaata tagtttgagt 1200
caaataaaat tagaaactgc t 1221

```

```

<210> 2544
<211> 427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(215)
<223> similar to gil002425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2544
gtccagtgtg gtggaattca ccagggtgtcc ggggcagtgg tagtatctgg gctgctgcag 60
ggcatgatgg ggctgctggg gaggctccggc cacgtgttcc cccactgtgg gccctgggtg 120
ctggctccca gcctggttgt ggcagggtcc tctgccaca gggaggtagc ccagttctgc 180
ttcacacact ggggggttggc cttgctgtac gtgagtctg agaggcgtgg gatgggtccc 240
agtgggggtg tatgggggga ctaggggagg gcagaactgc tggtcctatc agattcagca 300
gcgactggaa tagggacata ttttatattt ggaatccaag acttttcctt gattcatctg 360
gtctccttga atttcacact gttttctgct gtcccccaag gtcacttcct attccttcca 420
tgggagt

```

<210> 2545  
 <211> 1439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(584)  
 <223> similar to gi2746788 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00465725"01.21.00

<400> 2545  
 tgaattcctc aggggtgaag ctcttcgagg cacttggcct tagtcctggg aatgggaaag 60  
 atcacagcat tctgcattca aggaatgac tggaagaagc cttcattcac ttcattggga 120  
 agggagcagc tgctgagcgc ttcttcagtg ataaggaaac ttttcacgac attgcccagg 180  
 ttgcgtcaga gttcccagga gcccagcact atgtaggagg aaatgcagct ttaattggac 240  
 agaaatttgc agccaactca aatgtctttg ttccaccaga gtcattgcag gaagtggatg 300  
 tacatgagct tcttgatgac tatcaagcag gggaggagtg gggccagtta aaagctcccc 360  
 agttccacct attcatcttc tctcacgacc tctccaacgg ggccatgaat atgctggagg 420  
 atgccaaccg tagcctggag gagtttcagc cagacctggg ggtcctttct ggattgcaca 480  
 tgattggagg acaaagcaag gagctccaga ggaagagact cttggaggta tcttggcatc 540  
 tacagaattt cacagatctc agctggtggg ttcttcagg ttccagcctc catccttgcc 600  
 tgctgccttg tttcctgttg tcttaggttc agttaggtcg tggttcttct ctttggcact 660  
 ttgcagaaga gcctgtttat ttttgctctc gtcacttctt gaagaaatca gtgtattttc 720  
 aatacagtgt ggctccttcc tcttgctctc tggagaatgt ggttcttct ctttggcact 780  
 attcaagggt gtctttgttg atttgcaaaa tggttgattt ggggttcata cccatatttt 840  
 atcgtagaga gggcatttag gtcacagcag catgatgcag aaggaaatcg acagaggatg 900  
 ttgttgatcat tggctatatg ccagacacag ctgccagaga tagacacttg gaaaagtaa 960  
 ttcatcccca tgccctcagc ctcacgcctg taatcccagc actttgggag gctaaggcag 1020  
 acacaggccc ggcattgttg agtttaagac cagcctggcc acctggtga aactccgtct 1080  
 ttgcaggccc tgaggtcagg agccaggcgt ggtggcgggt acctgtaatc ccagctactc 1140  
 gcagatcacc tacaaaaatt tcgcttgaaac ctgggaggca gaggttgcag tgagctgagg 1200  
 ctactgaaaa ggcaggagaa ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1260  
 gggaggctga gcgctccaac ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1320  
 tcgcgccatt gcgctccaac ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1380  
 tcgcgccatt gcgctccaac ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1439

<210> 2546  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(279)  
 <223> similar to gi4235228 in the genepept database release 11  
 Run with FASTXY 3.3t00, default parameters

<400> 2546	60
cagaaatggc aaggaggaac agagccaaga tgggcatg	120
acgtgaagca ggtccagaca ggccacaagc ccagc	180
aactatttga ggaccagctg gccctggaac acttagatcg	240
gcaaaactgct ggaattgcag acatttgga ccaacaacct	300
tgaactgaa gtctataaaa gcagatgatg aagtaagagc	354
ttagcaaggt tttgggacat accttagggt gcctgtggga	
tgaagtgtgc agta	

```
<210> 2547
<211> 1061
<212> DNA
<213> Homo sapiens
```

```
<220> misc_feature
<221> (10)...(1061)
<222> similar to gi3955096 in the genepept database release 114,
<223> Run with FASTXY 3.3t00, default parameters
```

Run with:   
 <400> 2547   
 cggtggtgga ttcattgag acgcttgctc tcccagaaga cagacaatga gatttgaac 60   
 accttcttc acgggcgcta tctgaccta cttatgggca tcttctccat ctacacgggt 120   
 ttgatctaca atgactgctt ctccaagtcc ttgaacatct ttggtctctc ttggagtgtc 180   
 caaccatgt tcagaacgg cacatggaat actcatgtaa tggaggaaag tctatatctg 240   
 cagctggacc cagccatacc aggagtgtat ttggaaatc cataccggt ttggattgat 300   
 ccgatttggc acttggtctc aaacaaactc acatttctga actcgtataa aatgaagatg 360   
 tcggtgatcc tgggaattgt ccagatgggt tttggtgtca tccctcagcct tttcaatcac 420   
 atatacttca gaagaactct caacatcatt ctgcaattta tccctgagat gatttttatc 480   
 ctgtgtctgt ttggatacct ggttttcatt atcattttca aatggtgctg ctttgacgtc 540   
 cacgtatctc agcacgccc cagatcctc atccacttca tcaacatgtt tctgtttaac 600   
 tacagtgact ctccaacgc acccctctac aaacatcagc aagaagtgca aagtctctt 660   
 gtggttatgg ctttgatttc tgtgcgtgg atgctctga ttaagcgtt tattctttag 720   
 gccagtcac ggaaatccca ccttctagc cgtctgtgcc agaggacttc tgcagatacc 780   
 attgaagtg atagctccag ccttctagc cgtctgtgcc agaggacttc tgcagatacc 840   
 cacggggctc tggacagca cgtgcaggca cgtctgtgcc agaggacttc tgcagatacc 900   
 gccatccca ccatcgagta ctgctgggc tgcatttcaa acacagcctc ctacctgagg 960   
 ctctggggcc tcagctggc tcatgcaca ctgctggaag tgctctggac tatggtgatg 1020   
 aacagcgcc ttcagacgc aggctgngga ggaatcgctg g 1061